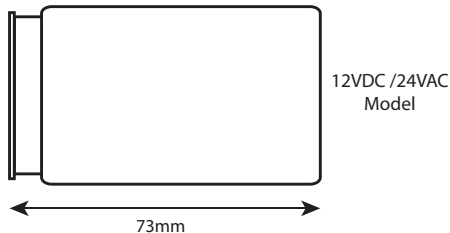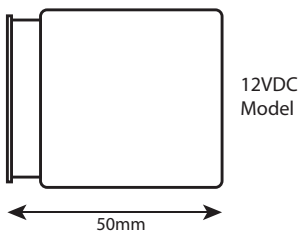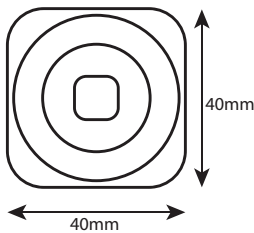www.remotealert.com

Specification Sheets

Your PRODUCT GUIDE Book

in10S2N1L · in11S2N2D

WDR, CS Mount, SDN Compact Camera

800 TV Lines

SDN WDR

CS Lens

24VAC 12VDC

Optical Dual Vari-focal

3D DNR

UTC OSD

SENS UP

The Remote Alert in10S2N1L / in11S2N2D is the next generation in our line of ultra compact WDR box cameras. Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise Reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in10S2x1L / in11S2x2D series is very compact and flexible enough to meet any installation requirement.

- Compact Die Cast Aluminium Case
- Thermal Management
- inViVid® Color Technology
- Mega Pixel Sensor
- Ultra High 800 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG
- Digital Image Stabilization
- 3D DNR
- Optical Dual Vari-Focal

- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV™ compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection
- Rear Panel Joystick
- Optional UTC (Up the Coax) OSD Programmer
- CS mount with adjustable back focus control
- 12VDC (L Model)
- 12VDC/24VAC (D Model)

	System	NTSC
Imaging	Sensor	Mega Pixel Sensor
	Effective Pixels	1305x1049
Performance	Resolution	800TVL
	Wide Dynamic Range	130dB
	Sensitivity	0.01Lux
	S/N Ratio	52dB
	Day / Night	Software Controlled
Lens	Type	DC / Manual
	Mount	CS (C with adaptor)
Functions	OSD	English/Chinese
	Shutter	1/60~120,000
	Flickerless	On/Off
	Wide Dynamic Range	Off/Low/Medium/High
	HLC (High Light Supp)	Off/Low/Medium/High
	BLC (Back Light Comp)	Off/Low/Medium/High
	DEFOG	Off/Low/Medium/High
	AGC	Off/Adjustable Level
	Digital Slow Shutter	Adjustable level
	Digial Image Stabilization	YES
	Electronic shutter	YES
	Sync	Internal/External
	Camera ID Number	Off/On 1~256
	Camera Name	Off/On, 8 Characters
	White Balance	ATW/Push/Manual
	3D DNR	Off/Low/Medium/High
	Gamma	0.35~0.55
	Chroma Gain	Adjustable
	Motion Detection	4 areas, Off/On, Position & Sensitivity
	Privacy masking	8 areas, Off/On, Color, Position
	Image functions	Flip, Mirror, D-Zoom
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω
	Programming interface	Back Panel Joystick
		Optional UTC Controller
Power	L Model	12VDC ±10% 3W Max
	D Model	24VAC ±10% 4.2W Max
Physical	Dimensions (mm)	L Model	40 x 40 x 50
		D Model	40 x 40 x 73
	Weight	L Model	150g
		D Model	220g
	Mounting	2x ¼"BSW
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Order Codes	12VDC	in10S2N1L
	12VDC/24VAC	in11S2N2D

Remote Alert reserves the right to amend specifications and design without prior notice

40mm

40mm

12VDC
Model

50mm

12VDC /24VAC
Model

73mm

in10S8N1L · in11S8N2D

1/3" CS Mount, WDR SDN Compact Camera

620 TV Lines

SDN

WDR

OSD Menu

CS Lens

2D DNR

SHARK inViVid ©

The **Remote Alert** in10S8/11S8 series of ultra compact cameras use our new Shark WDR sensor. Offering 620TVL resolution, Low Light and WDR performance combined with 2D Digital Noise Reduction, this dome camera will produce high quality video in the varying lighting conditions experienced in modern installations. The versatile in10/in11 series is compact and flexible enough to meet any installation requirements.

- Compact Die Cast Aluminium Case
- Thermal Management
- inViVid® Color Technology
- 1/3" Image Sensor
- 620 TVL
- Software Day/Night Function
- Min. Illumin. 0.5 Lux

- Wide Dynamic Range (WDR) 100db
- 2D DNR
- Auto White Balance
- Rear Panel Joystick
- 12VDC (L Model)
- 12VDC/24VAC (D Model)
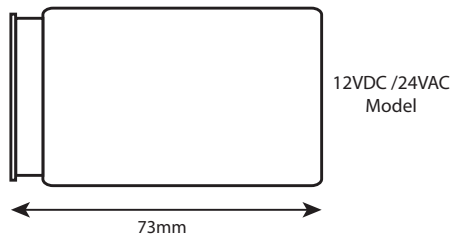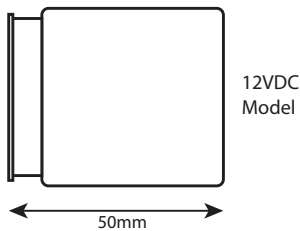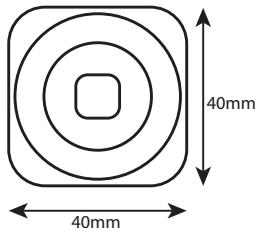
	System	NTSC
Imaging	Sensor	1/3" High Sensitivity Sensor
	Effective Pixels	756 (H) x 504 (V)
Performance	Resolution	620TVL
	Sensitivity	0.5Lux (Col), 50IRE
	S/N Ratio	50dB
	Day / Night	Software Controlled
Lens	Type	DC /Manual
	Mount	CS (C with Adaptor)
Functions	OSD	English/Chinese
	Wide Dynamic Range	Low/Medium/High
	AGC	Adjustable Level
	Electronic shutter	Off/On
	Sync	Internal
	White Balance	AWB/Manual
	Brightness	Level Control
	Contrast	Level Control
	Sharpness	Level Control
	Mirror	H/V/HV
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω
	Programming interface	Back Panel Joystick
Power	L Model	12VDC ±10% 3W Max
	D Model	12VDC/24VAC ±10% 4.2W Max
Physical	Dimensions (mm) — L Model	40 x 40 x 50
	Dimensions (mm) — D Model	40 x 40 x 73
	Weight — L Model	150g
	Weight — D Model	220g
	Mounting	2x ¼"BSW
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Order Codes	12VDC	in10S8N1L
	12VDC/24VAC	in11S8N2D

40mm

40mm

12VDC
Model

50mm

12VDC /24VAC
Model

73mm

Remote Alert reserves the right to amend specifications and design without prior notice

REMOTE ALERT

in10S9N1L · in11S9N2D

1/3" CS Mount, CCD SDN Compact Camera

960H CCD

700 TV Lines

SDN

UTC OSD

24VAC 12VDC

CS Lens

3D DNR

BLC

SENS UP

Barracuda inViVid

The Remote Alert in10S9x1L / in11S9x2D is the latest release in our line of ultra compact CCD box cameras. Offering ultra high 700TVL resolution, enhanced low light performance combined with 3D Digital Noise reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in10S9x1L / in11S9x2D series is very compact and flexible enough to meet any installation requirement.

- Compact Die Cast Aluminium Case
- Thermal Management
- inViVid® Color Technology
- ⅓" Advanced High Sensitivity Sensor
- 700 TVL
- Software Day/Night Function
- Min. Illumin. 0.05 Lux
- Digital Wide Dynamic Range (D-WDR)
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG
- 3D DNR
- Sens Up (512x)

- Selectable Shutter Speeds
- ATW/Push/Manual White Balance
- CVBS Analogue Video Output
- OSD Menu
- Privacy Zones
- Motion Detection
- CS mount with Adjustable Back Focus Control
- Rear Panel Joystick
- iCCTV™ compliant up the Coax (UTC) OSD
- Optional UTC (Up the Coax) OSD Programmer
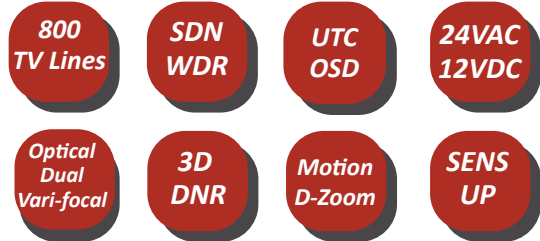- 12VDC (L Model)
- 12VDC/24VAC (D Model)

40mm

40mm

12VDC Model

50mm

12VDC /24VAC Model

73mm
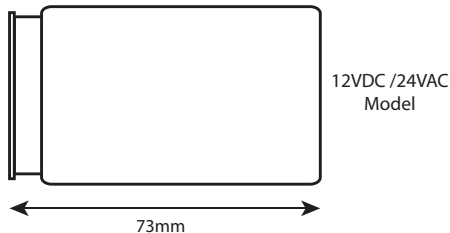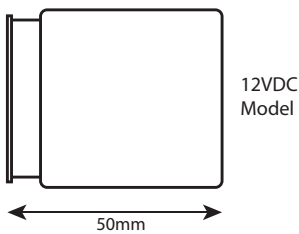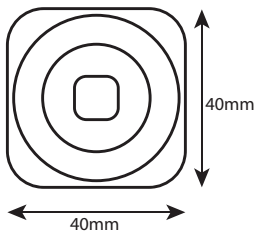
CCD	System	NTSC
	Sensor	1/3" Advanced High Sensitivity Sensor
	Effective Pixels	976x582
Performance	Resolution	700TVL
	Sensitivity	0.05Lux
	S/N Ratio	52dB
	Day / Night	Software Controlled
Lens	Type	DC / Manual
	Mount	CS (C with adaptor)
Functions	OSD	English/Chinese
	Shutter	1/60~120,000
	Flickerless	On/Off
	D-WDR	Off/Low/Medium/High
	HLC (High Light Supp)	Off/Low/Medium/High
	BLC (Back Light Comp)	Off/Low/Medium/High
	DEFOG	Off/Low/Medium/High
	AGC	Off/Adjustable Level
	Sens Up	Adjustable level 512x
	Electronic shutter	Yes
	Sync	Internal/External
	Camera ID Number	Off/On 1~256
	Camera Name	Off/On, 8 Characters
	White Balance	ATW/Push/Manual
	3D DNR	Off/Low/Medium/High
	Gamma	0.35~0.55
	Chroma Gain	Adjustable
	Motion Detection	4 areas, Off/On, Position & Sensitivity
	Privacy masking	8 areas, Off/On, Color, Position
	Image functions	Sharpness, Mirror
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω
	Programming interface	Back Panel Joystick
		Optional UTC Controller
Power	L Model	12VDC ±10%
		3W max
	D Model	24VAC ±10%
		4.2W Max
Physical	Dimensions (mm) — L Model	40 x 40 x 50
	Dimensions (mm) — D Model	40 x 40 x 73
	Weight — L Model	150g
	Weight — D Model	220g
	Mounting	2x ¼"BSW
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Order Codes	12VDC	in10S9N1L
	12VDC/24VAC	in11S9N2D

Remote Alert reserves the right to amend specifications and design without prior notice

in30S2N1Lxx Ver.2

ATM, WDR, SDN Camera

800 TV Lines | **SDN WDR** | **UTC OSD** | **24VAC 12VDC**

Optical Dual Vari-focal | **3D DNR** | **Motion D-Zoom** | **SENS UP**

TIGER SHARK© inViVid

The Remote Alert **ATM Camera** uses the latest in WDR performance chipsets . Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise Reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The versatile in30 is extremely compact and flexible enough to meet all ATM installation requirements.

- Compact 36mm² footprint
- InMotion Thermal Management
- inMotion inViVid® Color Technology
- Hi-Res Board lens (various options)
- Ultra High 800 TVL
- Adaptable mounting brackets
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG

- Digital Image Stabilization
- Optical Dual Vari-Focal
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- Privacy Zones
- Motion Detection
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC or 24VAC (when using power module)
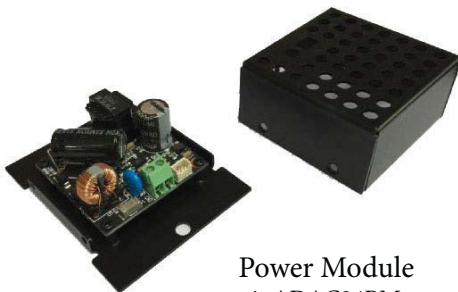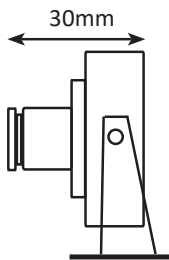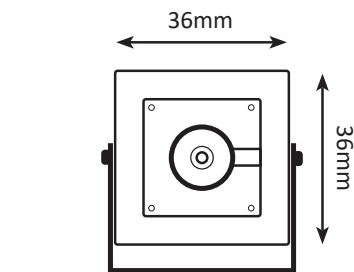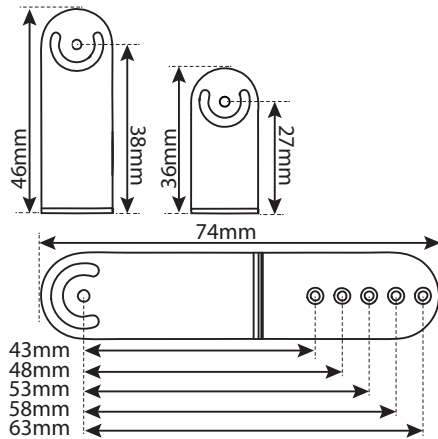
Power Module
inADAC24PM

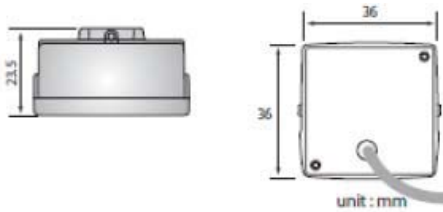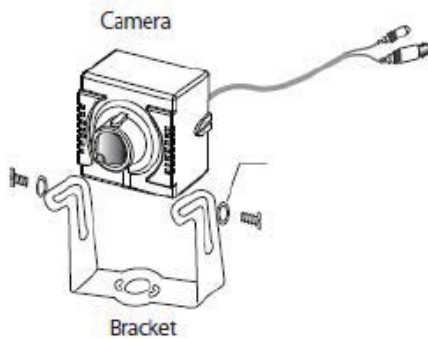|	System	NTSC
Imaging	Sensor	Mega Pixel Sensor
	Effective Pixels	1305x1049
Performance	Resolution	800TVL
	Wide Dynamic Range	130dB Max
	Sensitivity	0.01Lux
	S/N Ratio	52dB
	Day / Night	Software Controlled
Lens	Type	Fixed
	Focal Length	2.5mm or 3.0mm
	Optical Dual Vari-Focal	3.5 or 4.2mm
Functions	OSD	English/Chinese
	Shutter	1/50~1/120,000
	Flickerless	On/Off
	Wide Dynamic Range	Off/Low/Medium/High
	HLC (High Light Supp)	Off/Low/Medium/High
	BLC (Back Light Comp)	Off/Low/Medium/High
	DEFOG	Off/Low/Medium/High
	AGC	Off/Adjustable Level
	Sens Up	Adjustable level
	Digial Image Stabilization	YES
	Electronic shutter	YES
	Sync	Internal/External
	Camera ID Number	Off/On 1~256
	Camera Name	Off/On, 15 Characters
	White Balance	ATW/Push/Manual
	3D DNR	Off/Low/Medium/High
	Gamma	0.35~0.55
	Chroma Gain	Adjustable
	Motion Detection	4 areas, Off/On, Position & Sensitivity
	Privacy masking	8 areas, Off/On, Color, Position
	Image functions	Flip, Mirror, D-Zoom
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω
	Programming interface	Optional UTC Controller
Power	Voltage	12VDC ±10
	Power	3W Max.
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Physical	Construction	Aluminum shell
	Dimensions	36 H x 36 W x 32 D
	Weight	80g
Order ID	2.5mm	in30S2N1L25
	3.0mm	in30S2N1L30
	3.0mm NCR Version	in30S2N1L30-NCR
Power Module	12VDC/24VAC to 12VDC	included (inADAC24PM)

Remote Alert reserves the right to amend specifications and design without prior notice

in30S2N1L43FP

Night Depository, Pinhole ATM, WDR, SDN Camera

800 TV Lines **SDN WDR** **UTC OSD** **12VDC**

Optical Dual Vari-focal **3D DNR** **Motion D-Zoom** **SENS UP**

TIGER SHARK© *inViVid*
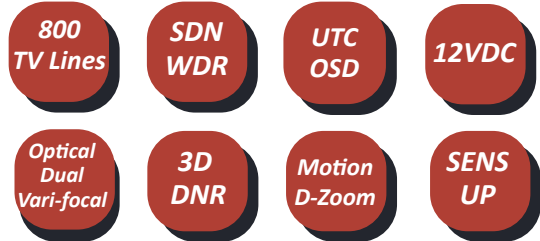
The **Remote Alert ATM/Night Depository Camera** uses the latest in WDR performance chipsets . Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise Reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The versatile in30 is extremely compact and flexible enough to meet all ATM installation requirements.

- Compact 36mm² footprint
- Thermal Management
- inViVid® Color Technology
- Hi-Res Board lens
- Ultra High 800 TVL
- Flat Pinhole 4.3mm
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG

- Digital Image Stabilization
- Optical Dual Vari-Focal
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- Privacy Zones
- Motion Detection
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC or 24VAC (when using power adapter)

Camera

Bracket

unit : mm

	System	NTSC
Imaging	Sensor	Mega Pixel Sensor
	Effective Pixels	1305x1049
Performance	Resolution	800TVL
	Wide Dynamic Range	130dB Max
	Sensitivity	0.01Lux
	S/N Ratio	52dB
	Day / Night	Software Controlled
Lens	Type	Fixed
	Focal Length	4.3mm
	Optical Dual Vari-Focal	4.3 or 6mm
Functions	OSD	English/Chinese
	Shutter	1/50~1/120,000
	Flickerless	On/Off
	Wide Dynamic Range	Off/Low/Medium/High
	HLC (High Light Supp)	Off/Low/Medium/High
	BLC (Back Light Comp)	Off/Low/Medium/High
	DEFOG	Off/Low/Medium/High
	AGC	Off/Adjustable Level
	Sens Up	Adjustable level
	Digial Image Stabilization	YES
	Electronic shutter	YES
	Sync	Internal/External
	Camera ID Number	Off/On 1~256
	Camera Name	Off/On, 15 Characters
	White Balance	ATW/Push/Manual
	3D DNR	Off/Low/Medium/High
	Gamma	0.35~0.55
	Chroma Gain	Adjustable
	Motion Detection	4 areas, Off/On, Position & Sensitivity
	Privacy masking	8 areas, Off/On, Color, Position
	Image functions	Flip, Mirror, D-Zoom
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω
	Programming interface	Optional UTC Controller
Power	Voltage	12VDC ±10
	Power	3W Max.
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Physical	Construction	Aluminum shell
	Dimensions	36 H x 36 W x 25.5 D
	Weight	80g
Order ID	4.3mm Pinhole	in30S2N1L43FP
AC/DC Converter	12VDC/24VAC to 12VDC	inADAC241A

Remote Alert reserves the right to amend specifications and design without prior notice

REMOTE ALERT

1/3" ATM, WDR, SDN Camera

in30S8N1L30 Series

620 TV Lines

SDN

WDR

2D DNR

12VDC

OSD Menu

SHARK inViVid

The **Remote Alert ATM** cameras use our new Shark WDR sensor. Offering 620TVL Resolution, Low Light and WDR performance combined with 2D Digital Noise Reduction, this dome camera will produce high quality video in the varying lighting conditions experienced in modern installations. The versatile in30S8x2L series is compact and flexible enough to meet any installation requirements.

- Compact 36mm² footprint
- Thermal Management
- inViVid® Color Technology
- 1/3" Image Sensor
- 620TVL
- 3mm Fixed lens
- Adaptable mounting brackets
- Software Day/Night Function

- Min. Illumin. 0.5 Lux@ 50 IRE Color
- Wide Dynamic Range (WDR) 100db
- 2D DNR
- Auto White Balance
- CVBS Analogue Video Output
- OSD Menu
- 12VDC
- 24VAC Option
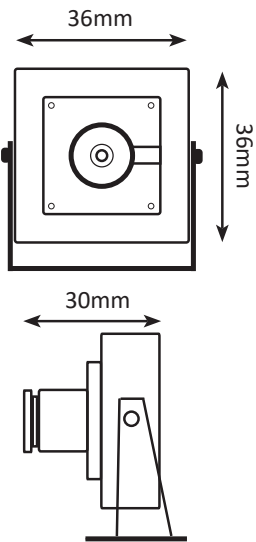
Imager	Sensor	1/3" High Sensitivity Sensor
	Effective Pixels	756 (H) x 504 (V)
Performance	Resolution	620TVL
	Sensitivity	0.5Lux (Col), 50IRE
	S/N Ratio	50dB
	Wide Dynamic Range	100dB Max
	Day / Night	Software Controlled
Lens	Type	Fixed
	Focal Lenght	3mm
	Mount	12mm
	Optional Lenses	3mm
Functions	OSD	English/Chinese
	Wide Dynamic Range	Low/Medium/High
	AGC	Adjustable Level
	Electronic shutter	Off/On
	Sync	Internal
	White Balance	AWB/Manual
	Brightness	Level Control
	Contrast	Level Control
	Sharpness	Level Control
	Mirror	H/V/HV
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω
	Programming interface	in line Programmer
Power	Voltage	12VDC ±10%
	Power	3W max
Physical	Dimensions	36 H x 36 W x 32 D
	Weight	80g
	Mounting	Surface
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Ordering Codes	3.0mm	in30S8N1L30
Power Converter	24VAC to 12VDC	inADAC241A

Remote Alert reserves the right to amend specifications and design without prior notice
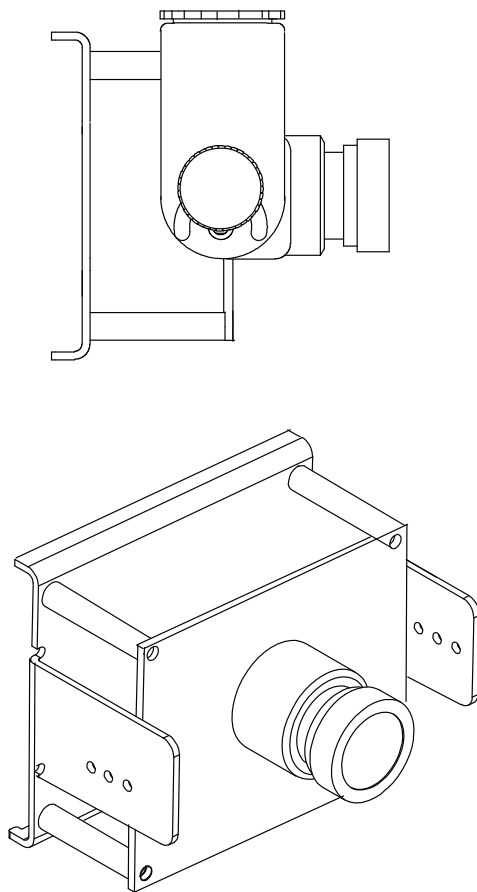
in31S2N1L Series

Special Application Camera

800 TV Lines	**SDN WDR**	**UTC OSD**	**24VAC 12VDC**
Optical Dual Vari-focal	**3D DNR**	**Motion D-Zoom**	**SENS UP**

TIGER SHARK© *inViVid*

The Remote Alert **Special Application Camera** uses the latest in WDR performance chipsets . Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise Reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The versatile in31 is extremely compact and flexible enough to meet any installation requirements. Use in ATM's, Gaming, Fast food windows, many other specilty applications.

- Compact Design
- Thermal Management
- inViVid® Color Technology
- Hi-Res Board lens (various options)
- Ultra High 800 TVL
- Adaptable mounting bracket
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG
- Digital Image Stabilization

- Optical Dual Vari-Focal
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV™ compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC
- 24VAC Option

	System	NTSC
Imaging	Sensor	Mega Pixel Sensor
	Effective Pixels	1305x1049
Performance	Resolution	800TVL
	Wide Dynamic Range	130dB Max
	Sensitivity	0.01Lux
	S/N Ratio	52dB
	Day / Night	Software Controlled
Lens	Type	Fixed or Vari-Focal
	Focal Length	Varies options available
	Optical Dual Vari-Focal	Yes
	Flickerless	On/Off
	Wide Dynamic Range	Off/Low/Medium/High
	HLC (High Light Supp)	Off/Low/Medium/High
	BLC (Back Light Comp)	Off/Low/Medium/High
	DEFOG	Off/Low/Medium/High
	AGC	Off/Adjustable Level
	Sens Up	Adjustable level
	Digial Image Stabilization	YES
	Electronic shutter	YES
	Camera Name	Off/On, 15 Characters
	White Balance	ATW/Push/Manual
	3D DNR	Off/Low/Medium/High
	Gamma	0.35~0.55
	Image functions	Flip, Mirror, D-Zoom,M-Zoom
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω
	Programming interface	in-line Programmer
		Optional UTC Controller
Power	Voltage	12VDC ±10
	Power	3W Max.
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Physical	Construction	Metal Shell/Bracket
	Dimensions	46 H x 46 W x 43 D
	Depth	Varies depending on lens configuration
	Weight	80g
	Mounting	M4 Stud with Thumbknob
Order ID	2.5mm	in31S2N1L25
	3.0mm	in31S2N1L30
	3.6mm	in31S2N1L36
	2.8~12mm	in31S2N1L28V12
	3.5~16mm	in31S2N1L35V16

Remote Alert reserves the right to amend specifications and design without prior notice

in51S2N2D Series

1/3"Compact Indoor WDR Dome Camera

800 TV Lines

SDN WDR

UTC OSD

24VAC 12VDC

Optical Dual Vari-focal
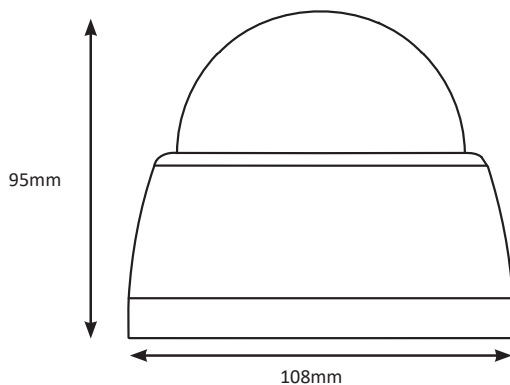
3D DNR

Sevice Jack

SENS UP

TIGER SHARK® *inViVid*

The Remote Alert in51S2x2D is the next generation in our line of ultra compact vandal resistant domes. Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in51S2x2D series is very compact and flexible enough to meet any installation requirement.

- Compact Die Cast Construction
- Thermal Management
- inViVid® Color Technology
- 3-Axis Gimbal
- Mega Pixel Sensor
- Ultra High 800 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG
- Digital Image Stabilization

- Optical Dual Vari-Focal
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV™ compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection Zoom Function
- On board Service Jack/Programmer
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC/24VAC

	System	NTSC	
Imaging	Sensor	Mega Pixel Sensor	
	Effective Pixels	1305x1049	
Performance	Resolution	800TVL	
	Wide Dynamic Range	130dB Max	
	Sensitivity	0.01Lux	
	S/N Ratio	52dB	
	Day / Night	Software Controlled	
Lens	Type	DC	
	Focal Length	2.8~12mm	3.5~16mm
	Optical Dual Vari-Focal	2.8~16mm	3.5~22mm
Functions	OSD	English/Chinese	
	Shutter	1/50~1/120,000	
	Flickerless	On/Off	
	Wide Dynamic Range	Off/Low/Medium/High	
	HLC (High Light Supp)	Off/Low/Medium/High	
	BLC (Back Light Comp)	Off/Low/Medium/High	
	DEFOG	Off/Low/Medium/High	
	AGC	Off/Adjustable Level	
	Sens Up	Adjustable level	
	Digial Image Stabilization	YES	
	Electronic shutter	YES	
	Sync	Internal/External	
	Camera ID Number	Off/On 1~256	
	Camera Name	Off/On, 15 Characters	
	White Balance	ATW/Push/Manual	
	3D DNR	Off/Low/Medium/High	
	Gamma	0.35~0.55	
	Chroma Gain	Adjustable	
	Motion Detection	4 areas, Off/On, Position & Sensitivity	
	Privacy masking	8 areas, Off/On, Color, Position	
	Image functions	Flip, Mirror, D-Zoom	
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω	
	Programming interface	On Board Service Jack	
		Optional UTC Controller	
Power	Voltage	12VDC/24VAC ±10%	
	Power	4.2W Max.	
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%, non condensing	
Physical	Construction	Aluminum shell, polycarbonate bubble	
	Dimensions	108mm Ø x 95mm H	
	Weight	550g	
Order Codes	2.8~12mm	in51S2N2D28V12	
	3.5~16mm	in51S2N2D35V16	

95mm

108mm

Remote Alert reserves the right to amend specifications and design without prior notice

in52TS3N2D28V12

| 800 TV Lines | TDN WDR | 2.8-12mm | 3 Axis Gimbal |
| 3D DNR | SENS UP | Sevice Jack | 24VAC 12VDC |

The **Remote Alert** in52TS3N2D Series compact tamper resistant internal dome cameras use our new Tigershark LT WDR sensor. Offering 800TVL Resolution, Low Light and WDR performance combined with 3D Digital Noise Reduction, this dome camera will produce high quality video in the varying lighting conditions experienced in modern installations. The versatile in52TS3N2D series is compact and flexible enough to meet any installation requirements.

- Compact Polycarbonate Construction
- inViVid® Color Technology
- 3-Axis Gimbal
- Mega Pixel Sensor
- Ultra High 800TVL
- True Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 115db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)

- DEFOG
- 3D DNR
- Sens Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- Privacy Zones
- Motion Detection, Zoom Functions
- On board Service Jack/Programmer
- 12VDC/24VAC
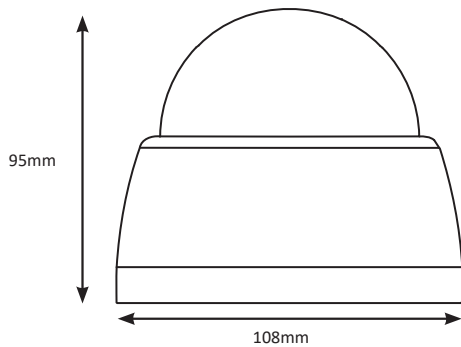
	System	NTSC	PAL
Imaging	Sensor	Mega Pixel Sensor	
	Effective Pixels	1305x1049	
Performance	Resolution	800TVL	
	Wide Dynamic Range	115dB Max	
	Sensitivity	0.01 Lux	
	S/N Ratio	52dB	
	Day / Night	Mechanical	
Lens	Focal Length	2.8~12mm	
Functions	OSD	English/Chinese	
	Shutter	1/50~1/120,000	
	Wide Dynamic Range	Off/Low/Medium/High	
	HLC (High Light Supp)	Off/Low/Medium/High	
	BLC (Back Light Comp)	Off/Low/Medium/High	
	DEFOG	Off/Low/Medium/High	
	AGC	Off/Adjustable Level	
	Sens Up	Adjustable level	
	Electronic shutter	YES	
	Sync	Internal/External	
	Camera ID Number	Off/On 1~256	
	Camera Name	Off/On, 15 Characters	
	White Balance	ATW/Push/Manual	
	3D DNR	Off/Low/Medium/High	
	Motion Detection	4 areas, Off/On, Position & Sensitivity	
	Privacy masking	16 areas, Off/On, Color, Position	
	Image functions	Flip, Mirror, D-Zoom	
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω	
	Programming interface	On Board Programmer	
Power	Voltage	12VDC/24VAC	
	Power	4.2W Max.	
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%, non condensing	
Physical	Construction	Polycarbonate Construction	
	Dimensions	108mm x 95mm	
	Weight	450g	
Order Codes	2.8~12mm	in52TS3N2D28V12	

95mm

108mm

1/3" Compact Indoor Dome

in52S9N2D Series

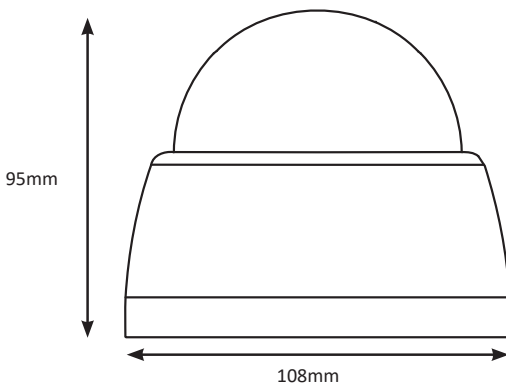| 960H CCD	700 TV Lines	SDN WER	UTC OSD	24VAC 12VDC
Sevice Jack	3D DNR	BLC	SENS UP	

Barracuda inViVid

The Remote Alert in52S9N2D Series is the latest release in our line of compact tamper resistant dome cameras. Offering ultra high 700TVL resolution, enhanced low light performance combined with 3D Digital Noise Reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in52S9N2D series is very compact and flexible enough to meet any installation requirement.

- Compact Polycarbonate Case
- ⅓" Advanced High Sensitivity Sensor
- inViVid® Color Technology
- 700 TVL
- Software Day/Night Function
- Min. Illumin. 0.05 Lux
- Digital Wide Extended Range (D-WDR)
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG
- 3D DNR
- Sens Up (512x)

- Selectable Shutter Speeds
- ATW/Push/Manual White Balance
- CVBS Analogue Video Output
- OSD Menu
- Privacy Zones
- Motion Detection
- 3-Axis Gimbal
- Service Jack
- iCCTV™ compliant up the Coax (UTC) OSD
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC/24VAC

	System	NTSC
CCD	Sensor	1/3" Advanced High Sensitivity Sensor
	Effective Pixels	976x494
Performance	Resolution	700TVL
	Sensitivity	0.05Lux
	S/N Ratio	52dB
	Day / Night	Software Controlled
Lens	Type	DC
Functions	OSD	English/Chinese
	Shutter	1/60~120,000
	Flickerless	On/Off
	D-WDR	Off/Low/Medium/High
	HLC (High Light Supp)	Off/Low/Medium/High
	BLC (Back Light Comp)	Off/Low/Medium/High
	DEFOG	Off/Low/Medium/High
	AGC	Off/Adjustable Level
	Sens Up	Adjustable level 512x
	Electronic shutter	YES
	Sync	Internal/External
	Camera ID Number	Off/On 1~256
	Camera Name	Off/On, 8 Characters
	White Balance	ATW/Push/Manual
	3D DNR	Off/Low/Medium/High
	Gamma	0.35~0.55
	Chroma Gain	Adjustable
	Motion Detection	4 areas, Off/On, Position & Sensitivity
	Privacy masking	8 areas, Off/On, Color, Position
	Image functions	Sharpness, Mirror
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω
	Programming interface	On Board Service Jack
Power	Voltage	12VDC/24VAC +/-10%
	Power	2.4W Max
Physical	Construction	Polycarbonate
	Dimensions	108mm W x 95mm H
	Weight	450g
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Order Codes	2.8~12mm	in52S9N2D28V11
	9~22mm	in52S9N2D9V22

95mm

108mm

Remote Alert reserves the right to amend specifications and design without prior notice

REMOTE ALERT

in51TS2N2D Series

Compact TVI/Analog Full HD (1080P) Indoor WDR Dome Camera

Full HD 1080P	**SDN WDR**	**UTC OSD**	**24VAC 12VDC**
TVI & Analog	**3D DNR**	**Sevice Jack**	**SENS UP**

TIGER SHARK®
TVI Full HD

The Remote Alert in51TS2x2D is the next generation in our line of ultra compact vandal resistant domes. Offering Full HD resolution, TVI and Analog outputs, new Wide-D WDR performance combined with 3D Digital Noise reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in51TS2x2D series is very compact and flexible enough to meet any installation requirement.

- Compact Die Cast Construction
- Thermal Management
- inViVid® Color Technology
- 3-Axis Gimbal
- Mega Pixel Sensor
- Full HD (1080P)
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)

- Dual Output, TVI & CVBS Analog
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- Focus Assist Feature
- OSD Menu
- Up the Coax (UTC) OSD from DVR
- Privacy Zones
- Motion Detection Zoom Function
- On board (Analog)Service Jack/Programmer
- 12VDC/24VAC

	System	NTSC	PAL
Imaging	Sensor	Mega Pixel Sensor	
Performance	TVI Resolution	Full HD (1080P)	
	Analog Resolution	1000TVL	
	Wide Dynamic Range	130dB Max	
	Sensitivity	0.01Lux	
	S/N Ratio	52dB	
	Day / Night	Software Controlled	
Lens	Type	DC	
	Focal Length	2.8~12mm	3.5~16mm
Functions	OSD	English/Chinese	
	Shutter	1/25~1/30,000	
	Flickerless	On/Off	
	Wide Dynamic Range	Off/Low/Medium/High	
	HLC (High Light Supp)	Off/Low/Medium/High	
	BLC (Back Light Comp)	Off/Low/Medium/High	
	DEFOG	Off/Low/Medium/High	
	AGC	Off/Adjustable Level	
	Sens Up	Adjustable level	
	Electronic shutter	Yes	
	Sync	Internal/External	
	Camera ID Number	Off/On 0~256	
	Camera Name	Off/On, 15 Characters	
	White Balance	AWB/Auto, Autoext, Preset, Manual	
	3D DNR	Off/Low/Medium/High	
	Gamma	0.45~0.7	
	Color Gain	Adjustable	
	Motion Detection	3 areas, Off/On, Position & Sensitivity	
	Privacy masking	16 areas, Off/On, Color, Position	
	Image functions	Flip, Mirror, D-Zoom, Motion Zoom	
Input/Output	Video Output	TVI BNC	
		CVBS 1.0Vp-p 75Ω	
		CVBS 1.0Vp-p 75Ω - Service port	
	Programming interface	On Board Service Jack	
Power	Voltage	12VDC/24VAC ±10%	
	Power	4.2W Max.	
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%, non condensing	
Physical	Construction	Aluminum shell, polycarbonate bubble	
	Dimensions	108mm Ø x 95mm H	
	Weight	550g	
Order Codes	2.8~12mm	in51TS2N2D28V12	
	3.5~16mm	in51TS2N2D35V16	

95mm

108mm

Remote Alert reserves the right to amend specifications and design without prior notice

in61S2N2D Series

Outdoor Anti Vandal WDR Dome Camera

TIGER SHARK® inViVid

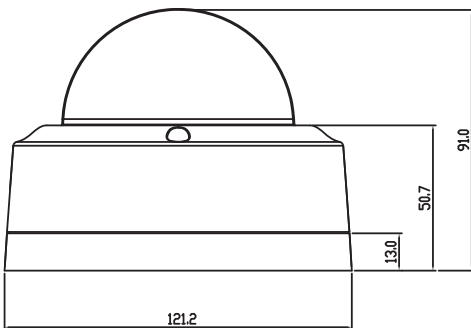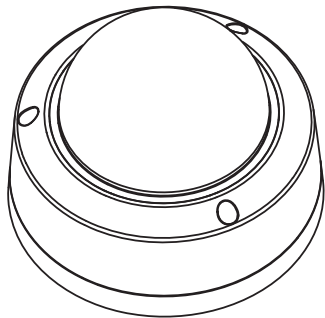| 800 TV Lines | SDN WDR | UTC OSD | 24VAC 12VDC |
| Optical Dual Vari-focal | 3D DNR | Sevice Jack | SENS UP |

The Remote Alert in61S2x2D is the next generation in our line of compact Outdoor WDR vandal resistant domes. Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D digital noise reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in61S2x2D series is very compact and flexible enough to meet any installation requirement.

- Compact Die Cast Construction
- Thermal Management
- inViVid® Color Technology
- IP66
- Mega Pixel Sensor
- Ultra High 800 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG
- Digital Image Stabilization

- Optical Dual Vari-Focal
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV™ compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection Zoom Function
- On board Service Jack/Programmer
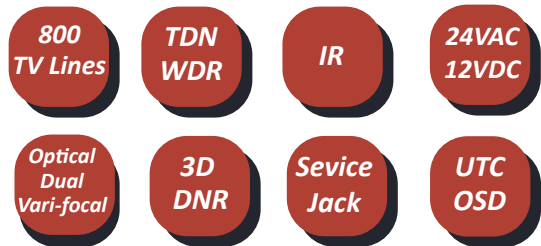- Optional UTC (Up the Coax) OSD Programmer
- 12VDC/24VAC

	System	NTSC	
Imaging	Sensor	Mega Pixel Sensor	
	Effective Pixels	1305x1049	
Performance	Resolution	800TVL	
	Wide Dynamic Range	130dB Max	
	Sensitivity	0.01Lux	
	S/N Ratio	52dB	
	Day / Night	Software Controlled	
Lens	Type	DC	
	Focal Length	2.8~12mm	3.5~16mm
	Optical Dual Vari-Focal	2.8~16mm	3.5~22mm
Functions	OSD	English/Chinese	
	Shutter	1/50~1/120,000	
	Flickerless	On/Off	
	Wide Dynamic Range	Off/Low/Medium/High	
	HLC (High Light Supp)	Off/Low/Medium/High	
	BLC (Back Light Comp)	Off/Low/Medium/High	
	DEFOG	Off/Low/Medium/High	
	AGC	Off/Adjustable Level	
	Sens Up	Adjustable level	
	Digial Image Stabilization	YES	
	Electronic shutter	YES	
	Sync	Internal/External	
	Camera ID Number	Off/On 1~256	
	Camera Name	Off/On, 15 Characters	
	White Balance	ATW/Push/Manual	
	3D DNR	Off/Low/Medium/High	
	Gamma	0.35~0.55	
	Chroma Gain	Adjustable	
	Motion Detection	4 areas, Off/On, Position & Sensitivity	
	Privacy masking	8 areas, Off/On, Color, Position	
	Image functions	Flip, Mirror, D-Zoom	
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω	
	Programming interface	On Board Service Jack	
		Optional UTC Controller	
Power	Voltage	12VDC/24VAC ±10%	
	Power	4.2W Max.	
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%, non condensing	
Physical	Construction	Aluminum shell, Polycarbonate bubble	
	Dimensions	121.2mm x 91mm	
	Weight	550g	
Order Codes	2.8~12mm	in61S2N2D28V12	
	3.5~16mm	in61S2N2D35V16	

Remote Alert reserves the right to amend specifications and design without prior notice
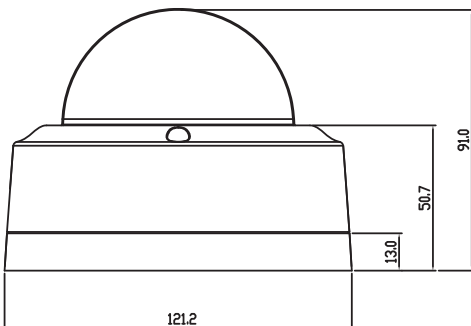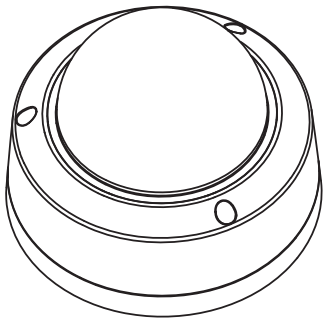
in61IRT2N2D28V12

Outdoor Anti Vandal IR WDR Dome Camera

800 TV Lines	**TDN WDR**	**IR**	**24VAC 12VDC**
Optical Dual Vari-focal	**3D DNR**	**Sevice Jack**	**UTC OSD**

TIGER SHARK® *inViVid*

The Remote Alert in61IRT2x2D is the next generation in our line of compact Outdoor WDR vandal resistant domes. Offering ultra high 800TVL resolution, IR LED array, Wide-D WDR performance combined with 3D digital noise reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in61IRT2x2D series is very compact and flexible enough to meet any installation requirement.

- Compact Die Cast Construction
- Thermal Management
- inViVid® Color Technology
- IP66
- Mega Pixel Sensor
- Ultra High 800 TVL
- True Day/Night Function
- 25 IR LED's
- Min. Illumin. 0 Lux IR on, 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG
- Digital Image Stabilization

- Optical Dual Vari-Focal
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV™ compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection Zoom Function
- On board Service Jack/Programmer
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC/24VAC

	System	NTSC
Imaging	Sensor	Mega Pixel Sensor
	Effective Pixels	1305x1049
Performance	Resolution	800TVL
	Wide Dynamic Range	130dB Max
	Sensitivity	0 Lux IR on, 0.01Lux
	S/N Ratio	52dB
	Day / Night	Mechanical
Lens	Type	DC
	Focal Length	2.8~12mm
	Optical Dual Vari-Focal	2.8~16mm
IR	LED's	25
	Effective Range	15~25 Meters
Functions	OSD	English/Chinese
	Shutter	1/50~1/120,000
	Flickerless	On/Off
	Wide Dynamic Range	Off/Low/Medium/High
	HLC (High Light Supp)	Off/Low/Medium/High
	BLC (Back Light Comp)	Off/Low/Medium/High
	DEFOG	Off/Low/Medium/High
	AGC	Off/Adjustable Level
	Sens Up	Adjustable level
	Digial Image Stabilization	YES
	Electronic shutter	YES
	Sync	Internal/External
	Camera ID Number	Off/On 1~256
	Camera Name	Off/On, 15 Characters
	White Balance	ATW/Push/Manual
	3D DNR	Off/Low/Medium/High
	Gamma	0.35~0.55
	Chroma Gain	Adjustable
	Motion Detection	4 areas, Off/On, Position & Sensitivity
	Privacy masking	8 areas, Off/On, Color, Position
	Image functions	Flip, Mirror, D-Zoom
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω
	Programming interface	On Board Service Jack
		Optional UTC Controller
Power	Voltage	12VDC/24VAC
	Power	6W Max.
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Physical	Construction	Aluminum shell, Polycarbonate bubble
	Dimensions	121.2mm x 91mm
	Weight	550g
Order Codes	2.8~12mm	in61IRT2N2D28V12

Remote Alert reserves the right to amend specifications and design without prior notice

REMOTE ALERT

in61TS2N2D Series

Outdoor TVI/Analog Anti Vandal WDR Dome Camera

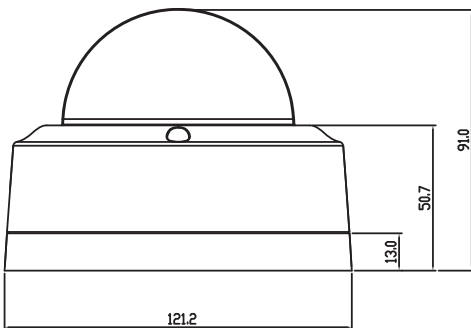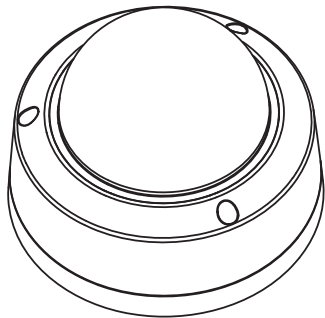|			
Full HD 1080P	**SDN WDR**	**UTC OSD**	**24VAC 12VDC**
TVI & Analog	**3D DNR**	**Sevice Jack**	**SENS UP**

TIGER SHARK® *inViVid*

The Remote Alert in61TS2x2D is the next generation in our line of compact outdoor vandal resistant domes. Offering Full HD resolution, TVI and Analog outputs, new Wide-D WDR performance combined with 3D Digital Noise reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in61TS2x2D series is very compact and flexible enough to meet any installation requirement.

- Compact Die Cast Construction
- Thermal Management
- inViVid® Color Technology
- IP66
- 3-Axis Gimbal
- Mega Pixel Sensor
- Full HD (1080P)
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)

- Dual Output, TVI & CVBS Analog
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- Focus Assist Feature
- OSD Menu
- Up the Coax (UTC) OSD from DVR
- Privacy Zones
- Motion Detection Zoom Function
- On board (Analog)Service Jack/Programmer
- 12VDC/24VAC

	System	NTSC	
Imaging	Sensor	Mega Pixel Sensor	
Performance	TVI Resolution	Full HD (1080P)	
	Analog Resolution	1000TVL	
	Wide Dynamic Range	130dB Max	
	Sensitivity	0.01Lux	
	S/N Ratio	52dB	
	Day / Night	Software Controlled	
Lens	Type	DC	
	Focal Length	2.8~12mm	3.5~16mm
Functions	OSD	English/Chinese	
	Shutter	1/25~1/30,000	
	Flickerless	On/Off	
	Wide Dynamic Range	Off/Low/Medium/High	
	HLC (High Light Supp)	Off/Low/Medium/High	
	BLC (Back Light Comp)	Off/Low/Medium/High	
	DEFOG	Off/Low/Medium/High	
	AGC	Off/Adjustable Level	
	Sens Up	Adjustable level	
	Electronic shutter	Yes	
	Sync	Internal/External	
	Camera ID Number	Off/On 1~256	
	Camera Name	Off/On, 15 Characters	
	White Balance	AWB/Auto, Autoext, Preset, Manual	
	3D DNR	Off/Low/Medium/High	
	Gamma	0.45~0.7	
	Color Gain	Adjustable	
	Motion Detection	3 areas, Off/On, Position & Sensitivity	
	Privacy masking	16 areas, Off/On, Color, Position	
	Image functions	Flip, Mirror, D-Zoom, Motion Zoom	
Input/Output	Video Output	TVI BNC	
		CVBS 1.0Vp-p 75Ω	
		CVBS 1.0Vp-p 75Ω - Service port	
	Programming interface	On Board Service Jack	
Power	Voltage	12VDC/24VAC ±10%	
	Power	4.2W Max.	
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%, non condensing	
Physical	Construction	Aluminum shell, polycarbonate bubble	
	Dimensions	121.2mm x 91mm	
	Weight	550g	
Order Codes	2.8~12mm	in61TS2N2D28V12	
	3.5~16mm	in61TS2N2D35V16	

Remote Alert reserves the right to amend specifications and design without prior notice

in82T9N1L28V12 Series

Full HD 4-in-1 (TVI/CVI/AHD/960H Analog) IR Eyeball Camera

Full HD 1080P

IR

Day Night

2.8-12mm

4-in-1 TVI/CVI AHD/960H

IP66

12VDC

The **Remote Alert** in82T9N1L28V12 IR Eyeball camera uses an advanced high sensitivity sensor/platform that delivers 1080P (Full HD) resolution. This camera provides a selectable output (TVI/CVI/AHD/960H Analog) which allows you to use them on traditional CCTV systems and the new HD systems. These indoor/outdoor IR Eyeball cameras will produce high quality video in the varying lighting conditions experienced in modern installations. The versatile IR Eyeball camera is compact and flexible enough to meet any installation requirements.

- 1080P (Full HD)
- Advanced High Sensitivity Sensor
- Indoor/Outdoor
- 2.8-12mm lens
- 36 IR LED's
- Effective IR Range 75ft

- Day/Night Function
- Min. Illumin. 0 Lux (IR ON)
- Selectable Output- TVI/CVI/AHD/960H Analog
- 12VDC
- Optional 24VAC Power Converter
- Available in White or Bronze

	System	NTSC
Sensor	Sensor	Advanced High Sensitivity Sensor
	Effective Pixels	1920 x 1080
Performance	Resolution	1080P
	Sensitivity	0 Lux (IR On)
	S/N Ratio	>50dB
	Day / Night	Yes
Lens	Focal Length	2.8~12mm
Output	Selectable Video Outputs	TVI/CVI/AHD/960H Analog
IR	LED's	36
	Wavelenght	850nm
	Effective IR Distance	75ft
Power	Voltage	12VDC ±10%
	Power	5W max
Physical	Dimensions	120mm x 125mm
	Weight	640g
	Construction	Aluminum/Cast
	Mounting	Surface
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Order Codes	White Color	in82T9N1L28V12W
	Bronze Color	in82T9N1L28V12B
	Power Converter	inADAC241A

Remote Alert reserves the right to amend specifications and design without prior notice

REMOTE ALERT

Indoor/Outdoor WDR TVI/Analog Bullet Camera

Full HD 1080P

TDN WDR

IR

2.8-12mm

TVI & Analog

IP68

Sevice Jack

24VAC 12VDC

The Remote Alert in71TVI3 is the next generation in our line of Indoor / Outdoor IR Bullet Cameras. Offering Full HD resolution, TVI and Analog outputs, IR LED array, new Wide-D WDR performance combined with 3D Digital Noise reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in71TVI3 series bullet camera is flexible enough to meet any installation requirement..

- Die Cast Construction
- Sun Shield
- Thermal Management
- IP68
- Mega Pixel Sensor
- Full HD (1080P)
- True Day/Night Function
- 6 Super IR LED's
- Effictive IR Range 100ft
- Min. Illumin. 0 Lux IR on, 0.01 Lux
- Wide Dynamic Range (WDR)
- Backlight Compensation (BLC)
- Highlight Mask (HLM)

- Dual Output, TVI & CVBS Analog
- DEFOG
- 3D DNR
- Sens Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- Focus Assist Feature
- Privacy Zones
- Motion Detection Zoom Function
- Wire Management Mount
- On board Service Jack
- 12VDC/24VAC

104.2

89.4

84.3

248.7

90.1

104.2

163.6

242.5

Unit : mm

	System	NTSC
Imaging	Sensor	Mega Pixel Sensor
Performance	TVI Resolution	Full HD (1080P)
	Analog Resolution	1000TVL
	Wide Dynamic Range	Yes
	Sensitivity	0.01Lux
	S/N Ratio	52dB
	Day / Night	Yes
Lens	Type	DC
	Focal Length	2.8~12mm
IR	LED's	6 Super LED's
	Effective Range	15~25 Meters
Functions	OSD	English/Chinese
	Shutter	1/25~1/30,000
	Flickerless	On/Off
	Wide Dynamic Range	Off/Low/Medium/High
	HLC (High Light Mask)	Level Control
	BLC (Back Light Comp)	Off/Low/Medium/High
	DEFOG	Off/Low/Medium/High
	AGC	Off/Adjustable Level
	Sens Up	Adjustable level
	Electronic shutter	Yes
	White Balance	AWB/Auto, Autoext, Preset, Manual
	3D DNR	Off/Low/Medium/High
	Gamma	0.35~0.55
	Color Gain	Adjustable
	Motion Detection	Yes
	Privacy masking	Yes
	Image functions	Flip, Mirror, D-Zoom
Input/Output	Video Output	TVI BNC
		CVBS 1.0Vp-p 75Ω
		CVBS 1.0Vp-p 75Ω - Service port
	Programming interface	On board OSD Button
Power	Voltage	12VDC/24VAC ±10%
	Power	7W Max.
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Physical	Construction	Die Cast Construction
	Dimensions	249mm x 104mm x 91mm
	Weight	550g
Order Codes	2.8~12mm	in71TVI3N2D28V12

Remote Alert reserves the right to amend specifications and design without prior notice

Tower Camera Series

inTCxxS2N2D30

800 TV Lines **SDN WDR** **UTC OSD** **24VAC 12VDC**

Optical Dual Vari-focal **3D DNR** **Wide Angle** **Lengths 8", 16" 20", 24"**

TIGER SHARK® inViVid

The **Remote Alert** Tower Cameras are designed for applications where high resolution close ups are required of individuals during transactions.

Cameras are mounted in aesthetically pleasing housings that can easily be mounted at payment windows, teller points, or other locations where transactions may take place.

Applications:
- Banking
- Retail
- Immigration Control
- Car Rental
- Airline Security
- Licensing

Features:
- 8", 16", 20", 24" lengths available
- Counter Top Mount
- 3.0mm Lens
- Tigershark WDR Sensor
- inViVid® Color Technology
- Ultra High 800 TVL
- Wide Dynamic Range (WDR) 130db
- Optical Dual Vari-Focal
- CVBS Analogue Video Output
- OSD Menu
- Privacy Zones
- Optional UTC (Up the Coax) OSD Programmer

Dimensions of 24" Tower Camera

2.05" 2.25"

24.00"

22.40"

Front   Side

	System	PAL	NTSC
Imaging	Sensor	Mega Pixel Sensor	
	Effective Pixels	1305x1049	
Performance	Resolution	800TVL	
	Sensitivity	0.01Lux	
	Wide Dynamic Range	130dB Max	
	S/N Ratio	52dB	
	Day / Night	Software Controlled	
Lens	Type	Fixed 3.0mm	
Functions	OSD	English/Chinese	
	Shutter	1/50~1/120,000	1/60~120,000
	Flickerless	On/Off	
	Wide Dynamic Range	Off/Low/Medium/High	
	BLC (Back Light Comp)	Off/Low/Medium/High	
	AGC	Off/Adjustable Level	
	Digital Slow Shutter	Adjustable level	
	Digial Image Stabilization	Yes	
	Electronic shutter	Yes	
	Sync	Internal/External	
	Camera ID Number	Off/On 1~256	
	Camera Name	Off/On, 8 Characters	
	White Balance	ATW/Push/Manual	
	3D DNR	Off/Low/Medium/High	
	Gamma	0.35~0.55	
	Chroma Gain	Adjustable	
	Motion Detection	4 areas, Off/On, Position & Sensitivity	
	Privacy masking	8 areas, Off/On, Color, Position	
	Image functions	Flip, Mirror, D-Zoom	
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω	
	Programming interface	Optional UTC Controller	
Power	Voltage	12VDC/24VAC ±10%	
	Power	4.2W Max.	
Color	Texture	Black	
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%, non condensing	
Order Codes	8" Tower Camera	inTC08S2N2D30	
	16" Tower Camera	inTC16S2N2D30	
	20" Tower Camera	inTC20S2N2D30	
	24" Tower Camera	inTC24S2N2D30	

Remote Alert reserves the right to amend specifications and design without prior notice

inTLCFS2N2D30
inTLCNS2N2D30
inTLCBS2N2D30

Teller Camera Series

800 TV Lines

SDN WDR

UTC OSD

24VAC 12VDC

Optical Dual Vari-focal

3D DNR

SENS UP

TIGER SHARK® inViVid

The **Remote Alert** Teller Cameras are designed for applications where high resolution close ups are required of individuals during transactions.

The cameras are mounted in aesthetically pleasing housings that can easily be mounted at payment windows, teller points, desks/counters or other locations where transactions or information exchange may take place.

Applications:

- Banking
- Retail
- Customer Services desks

- Car Rental
- Airline Security
- Licensing

Features:

- Blank Plate, FDIC or NCUA regulatory signage options.
- Desk Top Mounting
- 3.0mm Lens
- Tigershark WDR Sensor
- inViVid® Color Technology
- Ultra High 800 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG

- Optical Dual Vari-Focal
- Digital Image Stabilization
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV™ compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection
- Optional UTC (Up the Coax) OSD Programmer

	System	PAL	NTSC
Imaging	Sensor	Mega Pixel Sensor	
	Effective Pixels	1305x1049	
Performance	Resolution	800TVL	
	Sensitivity	0.01Lux	
	Wide Dynamic Range	130dB Max	
	S/N Ratio	52dB	
	Day / Night	Software Controlled	
Lens	Type	Fixed 3.0mm	
	Mount	12mm	
Functions	OSD	English/Chinese	
	Shutter	1/50~1/120,000	1/60~120,000
	Flickerless	On/Off	
	Wide Dynamic Range	Off/Low/Medium/High	
	HLC (High Light Supp)	Off/Low/Medium/High	
	BLC (Back Light Comp)	Off/Low/Medium/High	
	DEFOG	Off/Low/Medium/High	
	AGC	Off/Adjustable Level	
	Digital Slow Shutter	Adjustable level	
	Digial Image Stabilization	YES	
	Electronic shutter	YES	
	Sync	Internal/External	
	Camera ID Number	Off/On 1~256	
	Camera Name	Off/On, 8 Characters	
	White Balance	ATW/Push/Manual	
	3D DNR	Off/Low/Medium/High	
	Gamma	0.35~0.55	
	Chroma Gain	Adjustable	
	Motion Detection	4 areas, Off/On, Position & Sensitivity	
	Privacy masking	8 areas, Off/On, Color, Position	
	Image functions	Flip, Mirror, D-Zoom	
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω	
	Programming interface	Optional UTC Controller	
Power	Voltage	12VDC/24VAC ±10%	
	Power	4.2W Max.	
Physical	Dimensions (inch)	4.5""H x 8.5" W x 2.094""D	
	Weight	1.2lbs	
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%, non condensing	
Order Codes	Signage	**FDIC**	**NCUA**	**Blank**
		inTLCFS2N2D30	inTLCNS2N2D30	inTLCBS2N2D30

Remote Alert reserves the right to amend specifications and design without prior notice

in41S4N1L Series

Indoor/Outdoor Recessed Jamb Camera

520 TVL   **2D DNR**   **12VDC**   **IP66**

inViVid©

The **Remote ALert** in41S4x2L series of recessed cameras have a variety of uses when you need a low profile look. Use in door jambs, drive up windows, menu boards or for recessed mounting anywhere. The small footprint of the camera allows versatility for placement and mounting. Capture full facial views of the person as they walk up to the doorway or as they drive up to the service window. Get the quality image you need with inMotion's Jamb Camera.

- Recessed Mounting
- Small Footprint
- Indoor/Outdoor
- Aluminum or Bronze Finish
- inViVid® Color Technology
- Wide Angle 1.9mm (170 degrees)
- 520TVL

- Min. Illumin. 0.5 Lux
- High Dynamic Range
- 2D DNR
- ATW Balance
- CVBS Analogue Video Output
- 12VDC
- 24VAC when using supplied power converter

	System	NTSC
Sensor	CMOS	1/4"
	Effective Pixels	720x480
Performance	Resolution	520TVL
	Sensitivity	0.5 Lux
	S/N Ratio	48dB
	Color	Yes
	Shutter	Yes
	High Dynamic Range	Yes
	AGC	Yes
	AWB	Yes
Lens	Type	Fixed
	Focal Length	1.9mm
	Field of View	170°
Output	Video Output	CVBS 1.0Vp-p 75Ω
Power	Voltage	12VDC ±10%
	Power	1.8W max
Physical	Dimensions	38mm x 16.5mm x 20mm
	Weight	25g
	Construction	Machined Metal
	Mounting	Recessed
Environmental	IP Rating	IP 66
	Operating Temperature	-20C~65C
	Humidity	Less than 90%, non condensing
Order Codes	Aluminum Finish	in41S4N2L19A
	Bronze Finish	in41S4N2L19B
Converter	24VAC to 12VDC	inPC500S
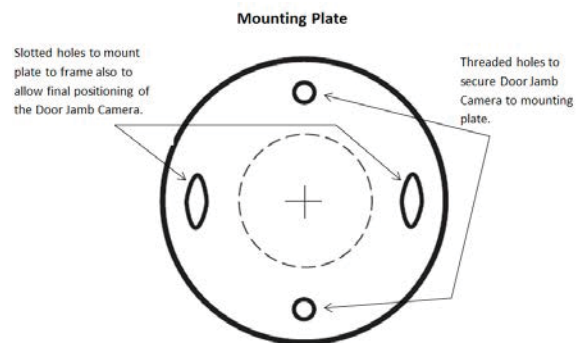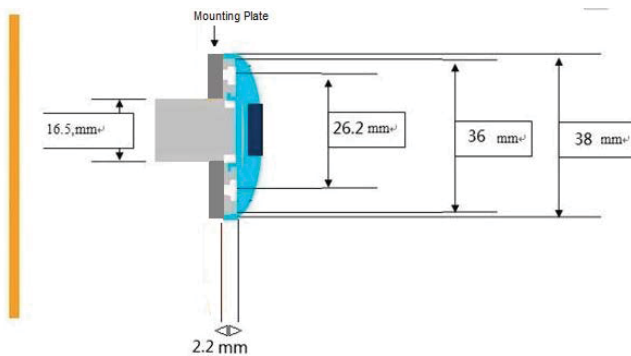
Mounting Plate

Slotted holes to mount plate to frame also to allow final positioning of the Door Jamb Camera.

Threaded holes to secure Door Jamb Camera to mounting plate.

Remote Alert reserves the right to amend specifications and design without prior notice

inDUCS2x1L30 series

Drive-Up/Counter Camera

800 TV Lines **SDN WDR** **UTC OSD** **12VDC**

Optical Dual Vari-focal **3D DNR** **BLC** **SENS UP**

TIGER SHARK in*ViVid*
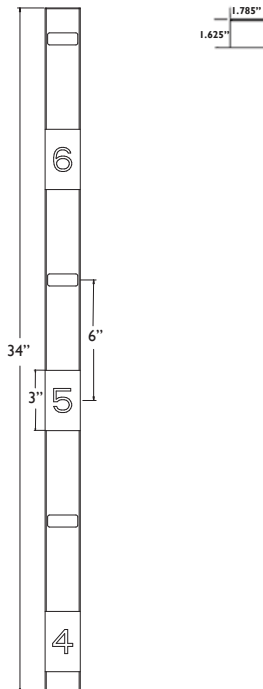
The **Remote Alert Drive-Up/Counter Camera** uses the latest in WDR performace chipsets . Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise Reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The small footprint of the camera allows versitility for placement and mounting. Capture full facial views of the person as they walk up to the counter or desk or as they drive up to the service window. Get the quality image you need with Remote Alert's Drive-Up/Counter camera.

- Mount to Counters/Desktops/Window Mullions
- Small Footprint
- Multiple Mounting Brackets
- Capture Full Facial images
- 3mm lens
- Black Finish
- Easy installation
- Ultra High 800 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG

- Optical Dual Vari-Focal
- Digital Image Stabilization
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV™ compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection
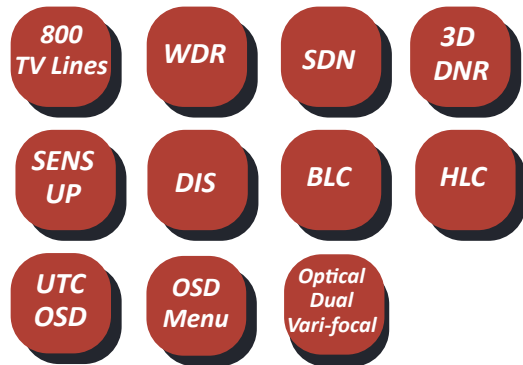- Optional UTC (Up the Coax) OSD Programmer
- 12VDC or 24VAC (when using optional power converter)

Dimensions

	System	NTSC
Imaging	Sensor	Mega Pixel Sensor
	Effective Pixels	1305x1049
Performance	Resolution	800TVL
	Wide Dynamic Range	130dB Max
	Sensitivity	0.01Lux
	S/N Ratio	52dB
	Day / Night	Software Controlled
Lens	Type	Fixed
	Focal Length	3mm
	Optical Dual Vari-Focal	4.2mm
	Mount	12mm
Functions	OSD	English/Chinese
	Shutter	1/60~120,000
	Flickerless	On/Off
	Wide Dynamic Range	Off/Low/Medium/High
	HLC (High Light Supp)	Off/Low/Medium/High
	BLC (Back Light Comp)	Off/Low/Medium/High
	DEFOG	Off/Low/Medium/High
	AGC	Off/Adjustable Level
	Digital Slow Shutter	Adjustable level
	Digial Image Stabilization	YES
	Electronic shutter	YES
	Sync	Internal/External
	Camera ID Number	Off/On 1~256
	Camera Name	Off/On, 8 Characters
	White Balance	ATW/Push/Manual
	3D DNR	Off/Low/Medium/High
	Gamma	0.35~0.55
	Chroma Gain	Adjustable
	Motion Detection	4 areas, Off/On, Position & Sensitivity
	Privacy masking	8 areas, Off/On, Color, Position
	Image functions	Flip, Mirror, D-Zoom
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω
	Programming interface	Optional UTC Controller
Power	Voltage	12VDC ±10%
	Power	3W Max.
Physical	Dimensions (mm)	114.3 H x 52.07 W x 53.34D
	Weight	80g
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Order Codes		inDUCS2N1L30
Converter	24VAC to 12VDC	inADAC241A

Remote Alert reserves the right to amend specifications and design without prior notice

inHS2x1L30 series

Height Strip Camera

800 TV Lines

SDN WDR

UTC OSD

12VDC

Optical Dual Vari-focal

3D DNR

BLC

SENS UP

TIGER SHARK© *inViVid*

The **Remote Alert Height Strip Camera** uses the latest in WDR performance chipsets . Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise Reduction, this camera will produce high quality video in the varying lighting conditions experienced in modern installations. The height strip allows you to capture a full facial view at eye level as the person exits the premises. Capture the quality image you need with Remote Alert's Height Strip Camera.

- Fits Standard Door Frames
- Accepts 2 Camera Modules
- Highly visible color coded height levels
- 3mm lens
- Bronze or Aluminium Finish
- Optional 15° Mounting Wedge
- Custom colors available
- Ultra High 800 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- Defog

- Optical Dual Vari-Focal
- Digital Image Stabilization
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- CVBS Analogue Video Output
- OSD Menu
- iCCTV™ compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC
- 24VAC Optional

Height Strip mounted
to 15° Wedge
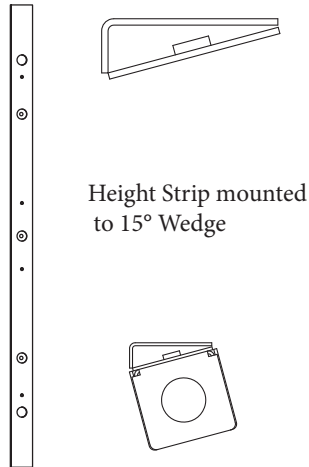
15° Mounting Wedge

Dimensions

	System	PAL	NTSC
Imaging	Sensor	Mega Pixel Sensor	
	Effective Pixels	1305x1049	
Performance	Resolution	800TVL	
	Wide Dynamic Range	130 dB Max	
	Sensitivity	0.01Lux	
	S/N Ratio	52dB	
	Day / Night	Software Controlled	
Lens	Type	Fixed	
	Focal Length	3mm	
	Optical Dual Vari-Focal	4.2mm	
	Mount	12mm	
Functions	OSD	English/Chinese	
	Shutter	1/50~1/120,000	1/60~120,000
	Flickerless	On/Off	
	Wide Dynamic Range	Off/Low/Medium/High	
	HLC (High Light Supp)	Off/Low/Medium/High	
	BLC (Back Light Comp)	Off/Low/Medium/High	
	DEFOG	Off/Low/Medium/High	
	AGC	Off/Adjustable Level	
	Digital Slow Shutter	Adjustable level	
	Digial Image Stabilization	YES	
	Electronic shutter	YES	
	Sync	Internal/External	
	Camera ID Number	Off/On 1~256	
	Camera Name	Off/On, 8 Characters	
	White Balance	ATW/Push/Manual	
	3D DNR	Off/Low/Medium/High	
	Gamma	0.35~0.55	
	Chroma Gain	Adjustable	
	Motion Detection	4 areas, Off/On, Position & Sensitivity	
	Privacy masking	8 areas, Off/On, Color, Position	
	Image functions	Flip, Mirror, D-Zoom	
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω	
	Programming interface	Optional UTC Controller	
Power	Voltage	12VDC ±10%	
	Power	3W Max.	
Physical	Dimensions (inch)	34"H x 1.785" W x 1.625"D	
	Weight	6.2lbs	
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%, non condensing	
Order Codes	Bronze Finish	inHS2N1L30A	
		inHSWA 15° Wedge	
		inHSTKIT1	
	Aluminum Finish	inHS2N1L30B	
		inHSWB 15° Wedge	
		inHSTKIT2	
Kit Includes	Height Strip, 15° Wedge, Dual Voltage Power Converter		

Remote Alert reserves the right to amend specifications and design without prior notice

inCM32S2x1L Series
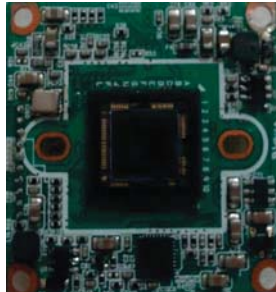
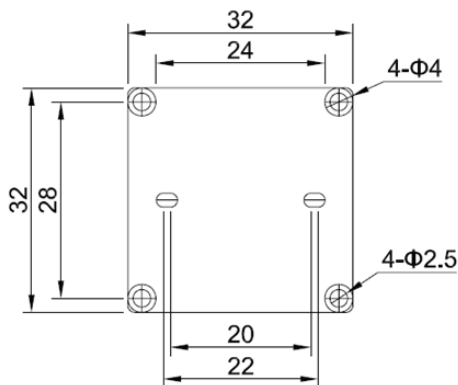# High Resolution, WDR Camera Modules

800 TV Lines **WDR** **SDN** **3D DNR**

SENS UP **DIS** **BLC** **HLC**

UTC OSD **OSD Menu** **Optical Dual Vari-focal**

The Remote Alert inCM32S2x1L Series is the next generation in our line of ultra compact WDR camera modules. Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise Reduction, these cameras will produce high quality video in the varying lighting conditions experienced in modern installations.

- Mega Pixel Sensor
- Ultra High 800 TVL
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Variety of Lens Options
- Custom Board Sizes
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG
- Digital Image Stabilization

- Optical Dual Vari-Focal
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- ATW / AWC White Balance
- Analogue Video Output
- OSD Menu
- iCCTV™ compliant up the Coax (UTC) OSD
- Privacy Zones
- Motion Detection
- 12VDC

Board Dimensions

TOP VIEW

BOTTOM VIEW

	System	NTSC
Imaging	Sensor	Mega Pixel Sensor
	Effective Pixels	1305x1049
Performance	Resolution	800TVL
	Wide Dynamic Range	130dB
	Sensitivity	0.01Lux
	S/N Ratio	52dB
	Day / Night	Software Controlled
Lens	Type	Fixed or Vari Focal
	Mount	12 mm, 14mm, CS
Functions	OSD	English/Chinese
	Shutter	1/60~120,000
	Flickerless	On/Off
	Wide Dynamic Range	Off/Low/Medium/High
	HLC (High Light Supp)	Off/Low/Medium/High
	BLC (Back Light Comp)	Off/Low/Medium/High
	DEFOG	Off/Low/Medium/High
	AGC	Off/Adjustable Level
	Digital Slow Shutter	Adjustable level
	Digial Image Stabilization	YES
	Electronic shutter	YES
	Sync	Internal/External
	Camera ID Number	Off/On 1~256
	Camera Name	Off/On, 8 Characters
	White Balance	ATW/Push/Manual
	3D DNR	Off/Low/Medium/High
	Gamma	0.35~0.55
	Chroma Gain	Adjustable
	Motion Detection	4 areas, Off/On, Position & Sensitivity
	Privacy masking	8 areas, Off/On, Color, Position
	Image functions	Flip, Mirror, D-Zoom, Motion D-Zoom
	LSC (Lens Shading)	Yes
Input/Output	Video Output	VBS 1.0Vp-p 75Ω
	Cable	Custom Cables available
	Programming interface	5 Pins of 10 Pin Connector
		Optional UTC Controller
Power		12VDC 3W Max
Environmental	Operating Temperature	-10°C~+60°C
	Humidity	Less than 90%, non condensing
Order Codes	32mmx32mm Board	inCM32S2N1Lxx

Remote Alert reserves the right to amend specifications and design without prior notice

inCM32S9N1L Series

1/3" 960H High Resolution Camera Modules

| 960H CCD | 700 TV Lines | SDN | UTC OSD |
| 12VDC | 3D DNR | BLC | SENS UP |
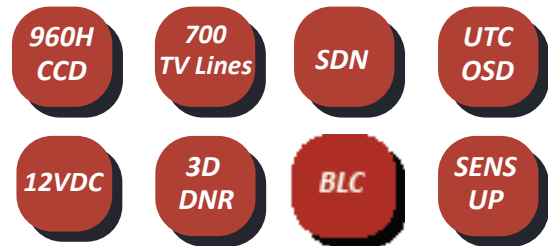
The Remote Alert inCM32S9N1L Series is the latest release in our line of 960H CCD cameras. Offering ultra high 700TVL resolution, enhanced low light performance combined with 3D Digital Noise reduction, these cameras will produce high quality video in the varying lighting conditions experienced in modern installations.

- inViVid® Color Technology
- ⅓" Advanced High Sensitivity Sensor
- 700 TVL
- Software Day/Night Function
- Fixed and Vari Focal Lens Options
- Custom Board Sizes
- Min. Illumin. 0.05 Lux
- Digital Wide Dynamic Range (D-WDR)
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- DEFOG

- 3D DNR
- Sens Up (512x)
- Selectable Shutter Speeds
- ATW/Push/Manual White Balance
- CVBS Analogue Video Output
- OSD Menu
- Privacy Zones
- Motion Detection
- iCCTV™ compliant up the Coax (UTC) OSD
- Optional UTC (Up the Coax) OSD Programmer
- 12VDC

Board Dimensions

TOP VIEW

BOTTOM VIEW

	System	NTSC
CCD	Sensor	1/3" Advanced High Sensitivity Sensor
	Effective Pixels	976x494
Performance	Resolution	700TVL
	Sensitivity	0.05Lux
	S/N Ratio	52dB
	Day / Night	Software Controlled
Lens	Type	Fixed or Vari Focal
	Mount	12 mm, 14mm, CS
Functions	OSD	English/Chinese
	Shutter	1/60~120,000
	Flickerless	On/Off
	D-WDR	Off/Low/Medium/High
	HLC (High Light Supp)	Off/Low/Medium/High
	BLC (Back Light Comp)	Off/Low/Medium/High
	DEFOG	Off/Low/Medium/High
	AGC	Off/Adjustable Level
	Sens Up	Adjustable level 512x
	Electronic shutter	Yes
	Sync	Internal/External
	Camera ID Number	Off/On 1~256
	Camera Name	Off/On, 8 Characters
	White Balance	ATW/Push/Manual
	3D DNR	Off/Low/Medium/High
	Gamma	0.35~0.55
	Chroma Gain	Adjustable
	Motion Detection	4 areas, Off/On, Position & Sensitivity
	Privacy masking	8 areas, Off/On, Color, Position
	Image functions	Sharpness, Mirror
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω
	Programming interface	5 Pins of 10 Pin Connector
		Optional UTC Controller
Power	L Model	12VDC 3W Max
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Order Codes	3.0mm	inCM32S9N1L30
	4.0mm	inCM32S9N1L40
	2.8~12mm	inCM32S9N1L28V12

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inCM38TS2N1L Series

TVI/Analog
Full HD (1080P)
WDR Camera Module

Full HD 1080P **SDN WDR** **TVI & Analog**

SENS UP **3D DNR** **12VDC**

The Remote Alert inCM38TS2N1L series is the next generation in our line of WDR camera modules. Offering Full HD resolution, TVI and Analog outputs, new Wide-D WDR performance combined with 3D Digital Noise reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations.

- inViVid® Color Technology
- Mega Pixel Sensor
- Full HD (1080P)
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Backlight Compensation (BLC)
- Highlight Compensation (HLC)
- Available with Fixed or Vari-Focal Lens

- Dual Output, TVI & CVBS Analog
- 3D DNR
- Sense Up
- Selectable Shutter Speeds
- Focus Assist Feature
- OSD Menu
- Privacy Zones
- Motion Detection Zoom Function
- 12VDC

	System	NTSC	PAL
Imaging	Sensor	Mega Pixel Sensor	
Performance	TVI Resolution	Full HD (1080P)	
	Analog Resolution	1000TVL	
	Wide Dynamic Range	130dB Max	
	Sensitivity	0.01Lux	
	S/N Ratio	52dB	
	Day / Night	Software Controlled	
Lens	Type	DC or Manual	
	Focal Length	Fixed or Vari-Focal	
	Mount	12mm, 14mm, CS	
Functions	OSD	English/Chinese	
	Shutter	1/25~1/30,000	
	Output Mode	720P or 1080P Selectable	
	Flickerless	On/Off	
	Wide Dynamic Range	Off/Low/Medium/High	
	HLC (High Light Supp)	Off/Low/Medium/High	
	BLC (Back Light Comp)	Off/Low/Medium/High	
	DEFOG	Off/Low/Medium/High	
	AGC	Off/Adjustable Level	
	Sens Up	Adjustable level	
	Electronic shutter	Yes	
	Sync	Internal/External	
	Camera ID Number	Off/On 0~256	
	Camera Name	Off/On, 15 Characters	
	White Balance	AWB/Auto, Autoext, Preset, Manual	
	3D DNR	Off/Low/Medium/High	
	Gamma	0.45~0.7	
	Color Gain	Adjustable	
	Motion Detection	3 areas, Off/On, Position & Sensitivity	
	Privacy masking	16 areas, Off/On, Color, Position	
	Image functions	Flip, Mirror, D-Zoom, Motion Zoom	
Input/Output	Video Output	HD-TVI BNC	
		CVBS Analog BNC	
	Programming Interface	Cable OSD Button	
	Cable	Custom Cables Available	
Power	Voltage	12VDC	
	Power	3W Max.	
Environmental	Operating Temperature	-10°C~+50°C	
	Humidity	Less than 90%, non condensing	
Physical	Dimensions	38mm x 38mm	
Order Codes	3.6mm	inCM38TS2N1L36	
	2.8~12mm	inCM38TS2N1L28V12	

38*38 Module

TOP VIEW

BOTTOM VIEW

Remote Alert reserves the right to amend specifications and design without prior notice

inCM204
inCM206
inCM211

Camera Mounts

The **inCM** series of camera mounts offer a variety of mounting options, Wall, Ceiling, Drop Ceiling "T-bar". Choose from metal or polycarbonet construction based on your mounting requirements.

Features:

inCM204
- Indoor
- Metal construction
- Up to 6" adjustable height
- Interchangable base for:
    Wall / Ceiling
    Drop Ceiling T-bar

inCM206
- Indoor wall or ceiling Mount
- Polycarbonet Construction
- Wire Feed Through

inCM211
- indoor/Outdoor
- Metal Construction
- Light duty up to 15lbs
- 11" Length

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inDVR604RT
inDVR608RT
inDVR616RT

D1 / 960H DVR Series

The **Remote Alert** DVR600RT series D1/960H Real Time DVRs are offered with 4, 8 or 16 analogue inputs, a selection of hard disk sizes and a range of features to fulfill the requirements of most CCTV installations. The DVR suports audio on each channel along with the ability to support a range of different telemetry protocols. In addition, the DVR offers streaming video to a web browser, a range of mobile devices and for more complex management requirements, Central Management Software to support the remote viewing and configuration of multiple sites from one or more control centers.

Features

- 4, 8 or 16 channel Video and Audio recording
- WD1, WHD1, WCIF , D1, HD1 & CIF recording
- H.264 Video Compression
- ADPCM Audio Compression
- Dual Stream
- Mobile Device Support
- Supports up to 2 internal SATA HDD*
- Scheduled recording
- Motion and Alarm Triggered Recording

- Per Channel Configuration
- Pre-Alarm Recording
- On Screen Motion Detection Indicator
- GUI
- VGA, HDMI & Composite Video Monitor Outputs
- IR Remote Control
- USB mouse
- DVD Writer on 16 Channel Unit
- Browser Based

Model	4 Channel	8 Channel	16 Channel
Video Input	4x BNC, NTSC or PAL	8x BNC, NTSC or PAL	16x BNC, NTSC or PAL
Audio Input / output	4x RCA in / 1x RCA out	8x RCA in / 1x RCA out	16x RCA in / 1x RCA out
Display output	1x CVBS BNC, 1x VGA , 1x HDMI	1x CVBS BNC, 1x VGA , 1x HDMI	1x CVBS BNC, 1x VGA , 1x HDMI
Display Resolution	720P, 1080P, 1024x768, 1280x1024, 1366x768		
Recording / Playback Resolution & Frame Rate	NTSC: 120fps@WD1 PAL: 100fps@WD1	NTSC: 240fps@WD1 PAL: 200fps@WD1	NTSC: 480fps@WD1 PAL: 400fps@WD1
Compression Format	Video: H.264, Audio: ADPCM		
Recordign Formats	WD1, WHD1, WCIF, D1, HD1, CIF		
Hard Disk Support*	Up to 6TB, HDD x 2, SATA Interface (4 Channel up to 4TB, HDD x 1, SATA interface)		
Recording Control	Manual, Scheduled, Alarm, Motion triggered		
Alarm I/O	4x N.O./N.C. input, 1x N.O. Relay output	8x N.O./N.C. input, 1x N.O. Relay output	16x N.O./N.C. input, 1x N.O. Relay output
Network Interface	10/100Mbps, RJ45		
Network Protocols	DHCP/Static, PPoE, DDNS		
Internet Bandwidth	Configurable		
Network Ports	Administrator definable		
USB Ports	2		
Remote Access	Web Interface, CMS Multi-Site Software application, Mobile Device		
Mobile Device Support	Android,iPhone/iPad		
PTZ Control	RS485 - Pelco P/D		
User Control	Front Panel Buttons, Mouse, IR Remote		
Operating Temperature	-10°C~+50°C (14°F~122°F)		
Power supply	DC12V <2.0A , 5.0A, 6.0A (Mains PSU supplied)		
Dimensions (DxWxH)	4 Channel Unit 230mm x 315mm x 44mm (9.05" x 12.40" x 1.75")		
	8 Channel Unit 320mm x 405mm x 64mm (12.63" x 15.95" x 2.51")		
	16 Channel Unit 435 mm x 440mm x 70mm (17.12" x 17.32" x 2.75")		
Weight	1.5Kg, 3Kg, 6Kg (No Drives)		
NTSC Order Codes — 1TB	inDVR604RTN-1TB	inDVR608RTN-1TB	inDVR616RTN-1TB
2TB	inDVR604RTN-2TB	inDVR608RTN-2TB	inDVR616RTN-2TB
4TB	inDVR604RTN-4TB	inDVR608RTN-4TB	inDVR616RTN-4TB
6TB	NA	inDVR608RTN-6TB	inDVR616RTN-6TB

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inDVR708RT
inDVR716RT

TVI Hybrid 1080P DVR Series

The **Remote Alert** DVR700RT TVI Hybrid series DVRs are offered with 8 or 16 inputs, Full HD (1920x1080) resolution, a selection of hard disk sizes and a range of features to fulfill the requirements of most CCTV installations. The DVR suports UTC OSD contol of inMotion cameras, audio along with the ability to support a range of different telemetry protocols. In addition, the DVR offers streaming video to a web browser, a range of mobile devices and for more complex management requirements, Central Management Software to support the remote viewing and configuration of multiple sites from one or more control centers.

Features

- 8 or 16 Channel Video Inputs
- 1080P, 720P, WD1, D1, recording
- TVI, IP, Analog
- H.264 Video Compression
- Dual Stream
- Mobile Device Support
- Supports up to 2 internal SATA HDD*
- Scheduled, Motion, Manual recording
- Per Channel Configuration

- Pre-Alarm Recording
- On Screen Motion Detection Indicator
- GUI
- VGA, HDMI Monitor Outputs
- IR Remote Control
- USB mouse
- Browser Based
- CMS Multi Site Software
- UTC Control of (in51, in61) TVI Cameras OSD

Model	8 Channel		16 Channel
Video Input	8 x BNC		16 x BNC
IP Video	4/24 Mbps		8/24 Mbps
Audio Input / output	1 x RCA in / 1 x RCA out		
Display output	1 x VGA , 1 x HDMI		
Display Resolution	1920 x 1080		
Recording	720P/WD1/D1	200 fps (PAL) 240 fps (NTSC)	400 fps (PAL) 480 fps (NTSC)
	1080P	100 fps (PAL) 120 fps (NTSC)	200 fps (PAL) 240 fps (NTSC)
Playback	8 Channel Simultaneously		
Compression Format	H.264		
Recordign Formats	1080P (1920 x 1080) 720P (1280 x 720) WD1, D1		
Hard Disk Support*	Up to 6TB, HDD x 2		
Recording Control	Manual, Scheduled, Motion triggered		
Network Interface	10/100Mbps, RJ45		
Network Protocols	DHCP/Static, PPoE, DDNS		
Internet Bandwidth	Configurable		
Network Ports	Administrator definable		
USB Ports	2		
Remote Access	Web Interface, CMS Multi-Site Software application, Mobile Device		
Mobile Device Support	Android, iPhone/iPad		
PTZ Control	RS485		
User Control	Front Panel Buttons, Mouse, IR Remote		
UTC Control	Up-the-Coax OSD programming of (in51, in61) inMotion TVI Cameras		
Operating Temperature	-10°C~+50°C (14°F~122°F)		
Power supply	DC12V < 4.0A (Mains PSU supplied)		
Dimensions	430mm x 300mm x 55mm (16.92" x 11.81" x 2.161")		
Weight	3Kg, 6Kg (No Drives)		
NTSC Order Codes	1TB	inDVR708RTN-1TB	inDVR716RTN-1TB
	2TB	inDVR708RTN-2TB	inDVR716RTN-2TB
	4TB	inDVR708RTN-4TB	inDVR716RTN-4TB
	6TB	inDVR708RTN-6TB	inDVR716RTN-6TB
	8TB	inDVR708RTN-8TB	inDVR716RTN-8TB

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inLS2812DN

1/3" 2.8-12mm, DC AI Vari-Focal Lens

CS Lens

ED-Asph Glass

2.8~12 F1.2 V/F

The **Remote Alert** Vari-Focal lenses provide high resolution images and increased sensitivity by the use of ED (Extra-ordinary low Dispersion) glass elements. The inLS2812DN will deliver crisp color images in the daylight. Under low light conditions experienced at night, the IR corrective features of the lens will ensure that equally high levels of performance are delivered.

Features:

- DC Auto Iris
- Aspherical Optical Design
- Fast F1.2 aperture
- IR Corrected

- ED Glass Optics
- Made in Japan
- CS Mount

Specifications	
Type	AI Varifocal
Focal Length	2.8-12mm
F-Stop	F1.2
Image Format	1/3" (4.8 x 3 6mm)
Mount	CS
Operating Range	Iris: F1.2-F360
	Focus: 0.2m ~ Infinity
Control	Manual Focus/Zoom
Field of View (1/3")	D: 124.9° ~ 29.7°
	H: 98.5° ~ 23.8°
	V: 73.0° ~ 17.8°
Field of View (1/4")	D: 92.0° ~ 22.3°
	H: 73.0° ~ 17.8°
	V: 54.3° ~ 13.4°
Dimensions	35mm x 47.9mm x 53.3mm
Iris Control	DC Galvanometer
Operating Temperature	-10°~ 50 ° Celsius

Wiring Diagram

1) 4 Pin Standard Connector for Auto Iris

Pin No.1	Damping (−)
2	Damping (+)
3	Driving (+)
4	Driving (−)

Pin
1   2
3   4

29.8
24.5
23.4
ø4.3
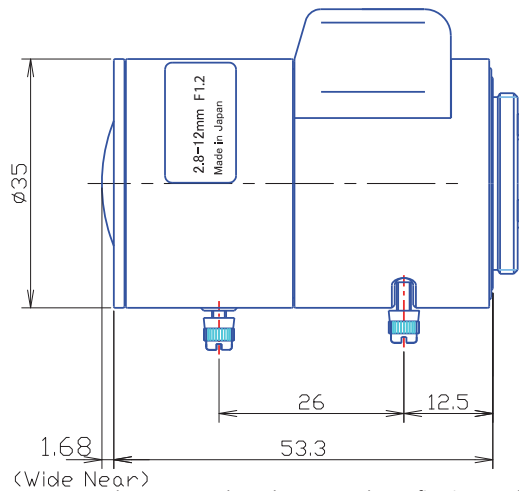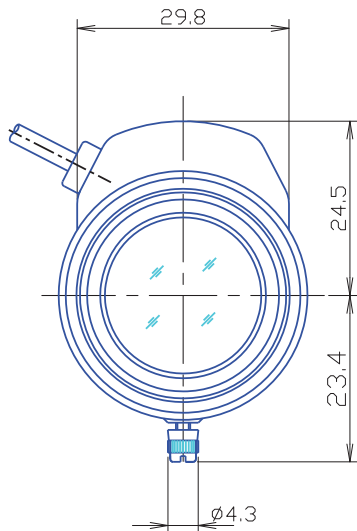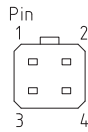
ø35
2.8−12mm F1.2
Made in Japan
26
12.5
1.68
53.3
(Wide Near)

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inLS2812DN-2MP

2.8-12mm, 2MP, DC, AI Vari-Focal Lens

CS Lens **2 Mega Pixel** **2.8~12 F1.2 V/F** **Day Night**

The **Remote Alert** Vari-Focal MegaPixel lens provides high resolution images and increased sensitivity. The inLS2812DN-2MP will deliver crisp color images in the daylight. Under low light conditions experienced at night, the IR corrective features of the lens will ensure that equally high levels of performance are delivered.

Features:

- 2.8-12mm DC Auto Iris
- 2 Megapixel
- Fast F1.4 aperture

- IR Corrected
- Specialized Glass Optics and Coatings
- CS Mount

Specifications	
Type	AI Vari-focal
Focal Length	2.8-12mm
F-Stop	F1.4
Image Format	1/2.7" (4.8 x 3 6mm)
Mount	CS
Operating Range	Iris: F1.4-F360
	Focus: 0.3m ~ Infinity
Control	Manual Focus/Zoom
Horizontal Field of View	106° ~ 32°
Dimensions	33mm x 46.4mm x 39.3mm
Cable Length	250mm
Iris Control	DC Galvanometer
Operating Temperature	-10°~ 50 ° Celsius

Wiring Diagram

1) 4 Pin Standard Connector for Auto Iris

Pin No.1	Damping (-)
2	Damping (+)
3	Driving (+)
4	Driving (-)

Pin
1   2
3   4
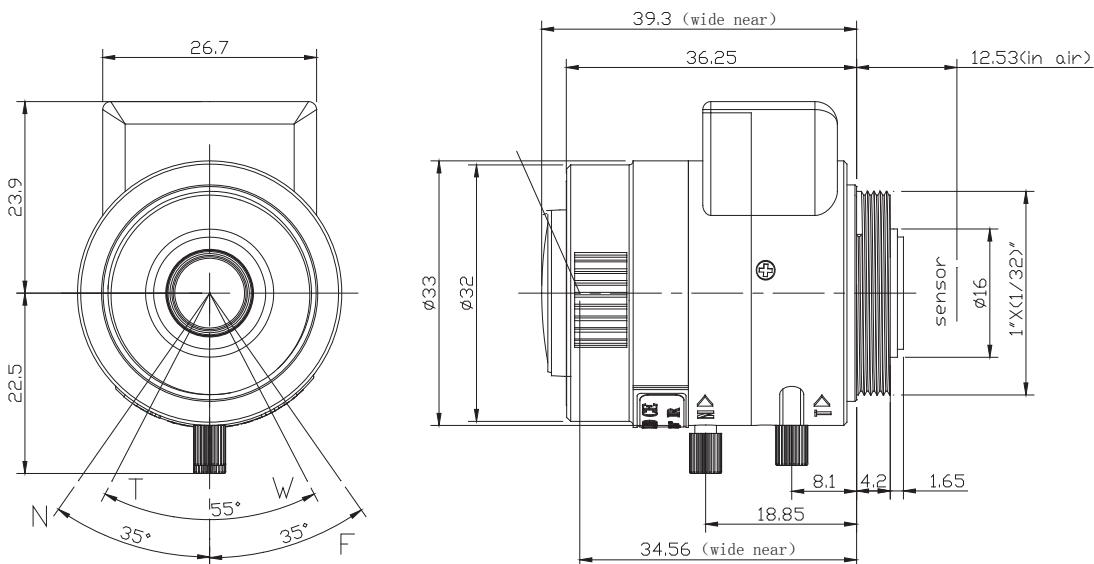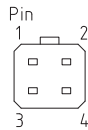
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inLS5100DN-1.3MP

5-100mm, 1.3MP, DC, AI Vari-Focal Lens

CS Lens

1.3 Mega Pixel

5-100mm F1.6 V/F

Day Night

The **Remote Alert** Vari-Focal MegaPixel lens provides high resolution images and increased sensitivity. The inLS5100DN-1.3MP will deliver crisp color images in the daylight. Under low light conditions experienced at night, the IR corrective features of the lens will ensure that equally high levels of performance are delivered.

Features:

- 5-100mm DC Auto Iris
- 1.3 Megapixel
- Fast F1.6 aperture

- IR Corrected
- Specialized Glass Optics and Coatings
- CS Mount

Specifications	
Type	AI Vari-focal
Focal Length	5~100mm
F-Stop	F1.6
Image Format	1/2.7"
Mount	CS
Operating Range	Iris: F1.6-F360
	Focus: 0.7m ~ Infinity
Control	Manual Focus/Zoom
Horizontal Field of View	51° ~ 4.8°
Dimensions	44mm x 51mm x 87.79mm
Cable Length	300mm
Iris Control	DC Galvanometer
Operating Temperature	-10°~ 50 ° Celsius

Wiring Diagram

1) 4 Pin Standard Connector for Auto Iris

Pin No.1	Damping (-)
2	Damping (+)
3	Driving (+)
4	Driving (-)

Pin
1   2
3   4
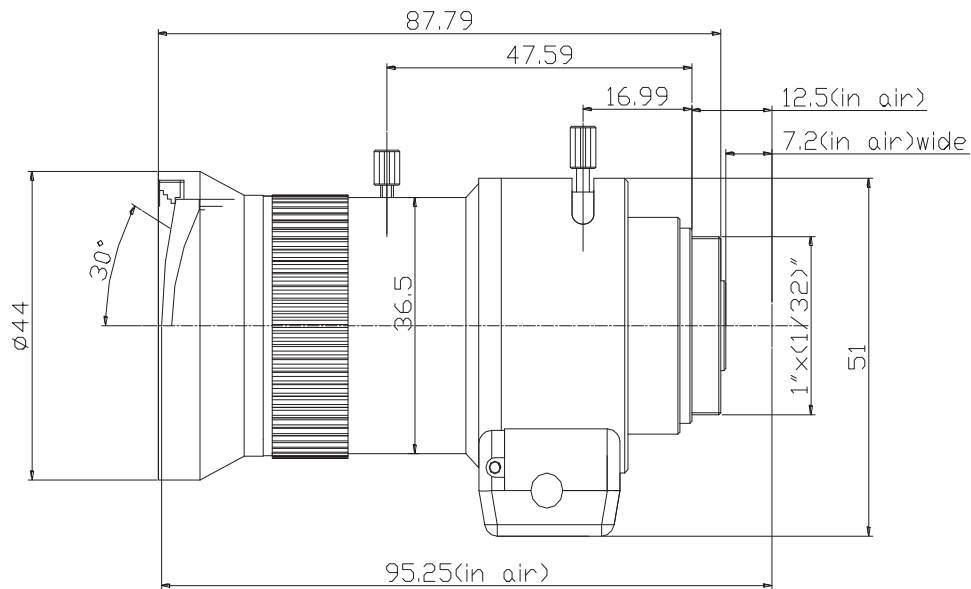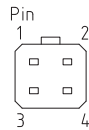
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inM419

Premium Grade LED (Backlit) CCTV monitors

Low Power **LED Back Light** **3D Comb Filter** **3D De Interlace** **Desk Stand**

BNC Loop Thru **VGA Input** **HDMI Input** **VESA Mount**
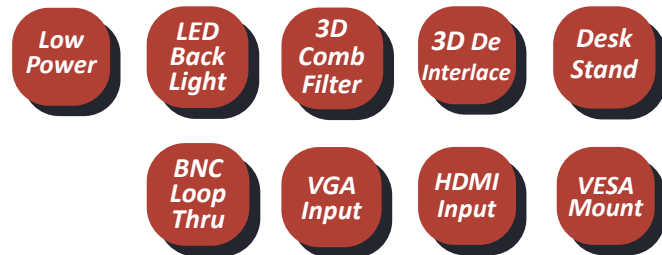
The **inM419** monitors utilise LED backlighting to give even, consistent illumination, long life and 40% lower power consumption than CCFL LCD monitors, to help meet green targets.
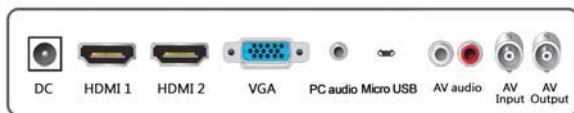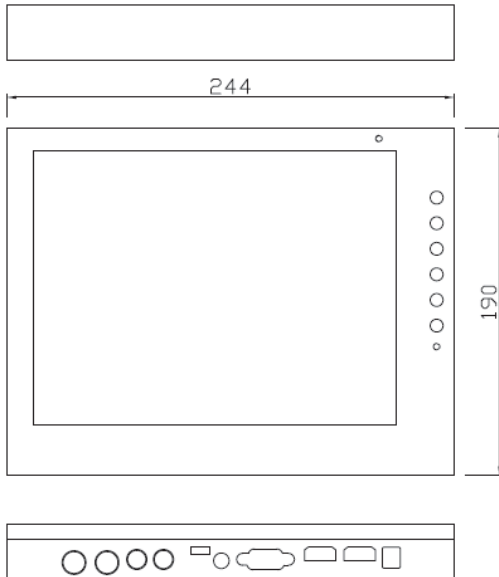
The monitors are designed to provide support for high resolution analogue cameras and use 4:3 aspect ratio panels, making them the perfect match for traditional analogue based CCTV systems without the need for image re-scaling. They are equally at home as a display unit for digital video recorders or computers.

The monitors are equipped with multiple input standards, loop through video and audio connectors and offer premium grade features to ensure that optimum quality images are displayed in any application.

Features:

- 19" Active Matrix Display
- Wide Viewing Angle
- 1000:1 Contrast Ratio
- 10,000:1 Dynamic Contrast Ratio
- 4:3 Aspect Ratio
- VGA/SVGA/XGA/SXGA modes supported
- 5ms response time
- 3D Comb Filter
- 3D De-Interlace
- Digital Noise Reduction

- Fast Switching Time
- 1x BNC Input
- 1x BNC Output
- 1x VGA Input
- 2x HDMI Input
- 1x PC Audio Input
- 2x RCA Audio input
- Tilting Desk Stand
- 75x75mm VESA Mounting Holes
- Low Power Consumption

Specifications

Description		Model:	inM419
Panel Specification	Panel Type		19" Active Matrix TFT
	Screen Size (diagonal)		480mm
	Viewable Size (HxV)mm		376.3x301.1
	Pixel Pitch		0.294mm
	Viewing Angle (L/R/T/B)		85/85/80/80
	Contrast Ratio		1000:1
	Brightness		300cd/m²
	Resolution		1280x1024
	Display Colours		16.7M
	Response Time		5ms
Input/Output	PC	Frequency	FH:31.5~80KHz FV::56~75Hz
		Modes	VGA/SVGA/XGA/SXGA
		Connectors	VGA (15p D-sub), 2 x HDMI
	Video	I/O	1x Channel Video BNC input /w loop through output. 1Vp-p 75Ω
		Standards	NTSC / PAL
	Video Features		3D Video De-Interlace. 3D Comb Filter, Digital Noise Reduction, Color Transient Improvement, Fast Switching
	Audio	Input	3.5mm Stereo Jack Socket, 1.0Vp-p@ 1KHz
		Output	3.5mm Stereo jack socket (loop out) Internal Speaker, 1.5W x2
Power	Power Consumption		25W
	Power Input		Power Adaptor: 100~240VAC / Monitor 12VDC
	Power Management		VESA DPMS Compliant
Physical	Net Weight		3.5kg
	Dimensions (WxHxD mm)		424x4415x165
	VESA Mount		75x75mm (bracket not supplied)
	Operating Temperature		0°C~40°C
	Storage Temperature		-10°C~60°C
Regulatory	Approvals		FCC, CE, RoHS, WEEE, ErP

Option rack mount
inM1719RMK
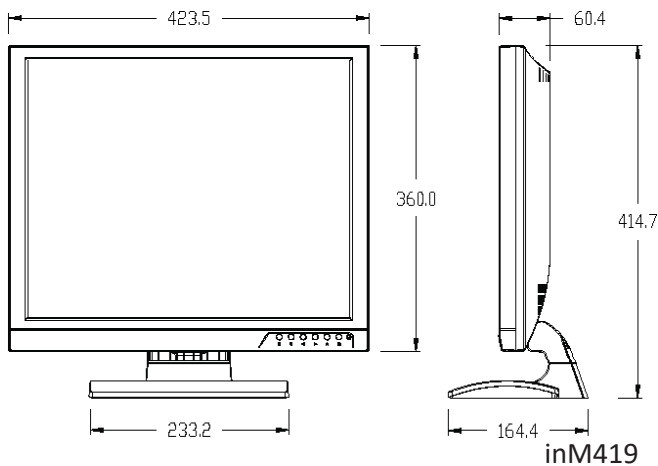
inM419

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inM497-1

Premium Grade LED (Backlit) CCTV Monitor

Low Power	LED Back Light	Micro USB	3D De Interlace	3D DNR
Desk Stand	BNC Loop Thru	VGA Input	HDMI Input	VESA Mount
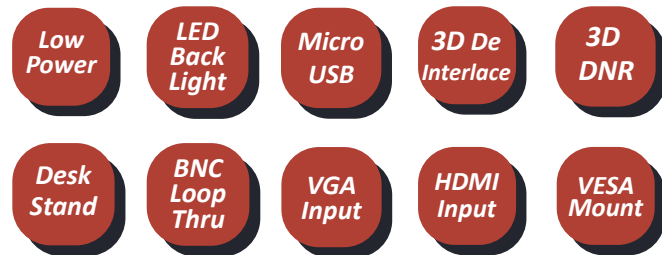
The **inM497-1** Commercial-grade monitor features the latest is screen imaging technology for enhanced clarity and sharpness. LED backlighting is utilised to give even, consistent illumination, long life and 40% lower power consumption than CCFL LCD monitors, to help meet green targets.

The monitors are designed to provide support for high resolution analogue cameras and use 4:3 aspect ratio panels, making them the perfect match for traditional analogue based CCTV systems without the need for image re-scaling.

The monitors are equipped with multiple input standards, loop through video and audio connectors and offer premium grade features to ensure that optimum quality images are displayed in any application. The micro USB input can be used to display photos, play videos or messages on the screen. An accessory kit is available to convert this for use as a field test monitor.

Features:

- 9.7" Active Matrix Display
- LED Backlight
- Wide Viewing Angle
- 1000:1 Contrast Ratio
- 4:3 Aspect Ratio
- VGA/SVGA/XGA/modes supported
- 4ms response time
- 3D DNR
- 3D De-Interlace
- 3D Comb Filter

- 1x BNC Input
- 1x BNC Output
- 1x VGA Input
- 2x HDMI Input
- 1x PC Audio Input
- 2x RCA Audio input
- 1x Micro USB
- Tilting Desk Stand
- 75x75mm VESA Mounting Holes
- USB Multi-Media Player Design

Specifications

Description		Model:	inM497-1
Panel Specification	Panel Type		9.7"" Active Matrix TFT
	Screen Size (diagonal)		246mm
	Backlight		Yes
	Pixel Pitch		0.192mm
	Viewing Angle (L/R/T/B)		89/89/89/89
	Contrast Ratio		1000:1
	Brightness		400cd/m²
	Max Resolution		1024x768
	Display Colors		262K
	Response Time		4ms
Input/Output	PC	Frequency	FH:31.4~60KHz FV::70~75Hz
		Modes	VGA/SVGA/XGA
		Connectors	VGA (15p D-sub), 2 x HDMI
	Video	I/O	1x Channel Video BNC input c/w loop through output. 1Vp-p 75Ω
		Standards	NTSC / PAL
	Video Features		3D DNR/ Video De-Interlace. 3D Comb Filter, Digital Noise Reduction, Color Transient Improvement, Fast Switching,
	USB		1 x Micro USB
	Audio	Input	3.5mm Stereo Jack Socket, 1.0Vp-p@ 1KHz
		Input	PC Jack
Audio	Built in Speakers		Yes
Language	Multiple		Yes
Remote Control			included
Power	Power Consumption		17W
	Power Input		Power Adaptor: 100~240VAC / Out Output to Monitor 12VDC
Physical	Net Weight		1.9kg
	Dimensions (WxHxD mm)		244x190x30
	VESA Mount		75x75mm (bracket not supplied)
	Operating Temperature		0°C~40°C
	Storage Temperature		-10°C~60°C
Regulatory	Approvals		FCC, CE, RoHS, WEEE, ErP
Ordering	9.7"		inM497-1
	Accessory Kit (Field Monitor)		inM497-1-ACC
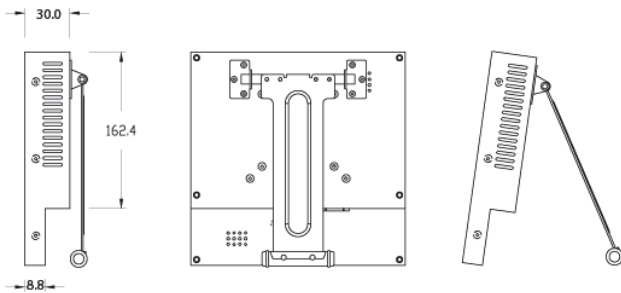
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inM497-1-ACC

Test Monitor Accessory Kit
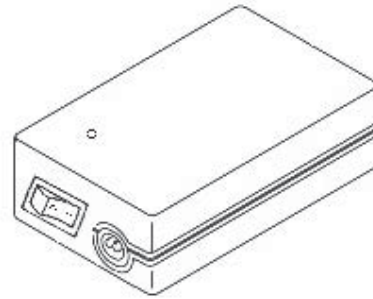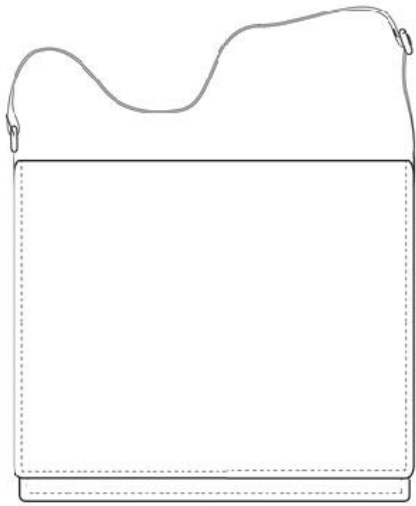
This kit allows you to use the 9.7" monitor as a test monitor for setting up your cameras. Contains a carry bag, 1800mA battery, cable and power adaptor. The larger screen makes camera set up and focusing extremely easy.

Accessory kit works with the inM497-1 LED Backlit Monitor

• Carry Bag
• Battery
• Power Cable
• Power Adaptor

Remote Alert reserves the right to amend specifications and design without prior notice

inMHD22

Premium Grade LED (Backlit) CCTV monitors

Low Power

LED Back Light

3D Comb Filter

Desk Stand

VGA Input

HDMI Input

VESA Mount
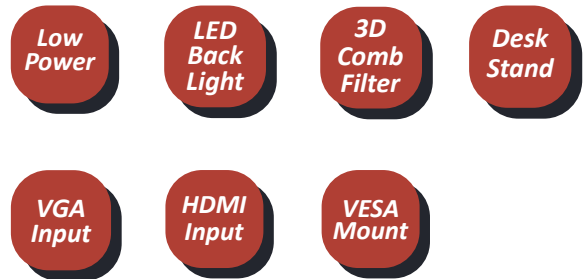
The **inMHD** series of LG monitors are available in 22" screen sizes. LED backlighting is utilised to give even, consistent illumination, long life and 40% lower power consumption than CCFL LCD monitors, to help meet green targets.

The monitors are designed to provide support for High resolution (1080P) 16:9 aspect ratio panels, making them the perfect match for the new HD analog based CCTV systems without the need for image re-scaling. They are equally at home as a display unit for digital video recorders or computers.

The monitors are equipped with multiple input standards, offer premium grade features to ensure that optimum quality images are displayed in any application.

Features:

- 22" (21.5" Diagonal) Active Matrix Display
- Wide Viewing Angle
- 1000:1 Contrast Ratio
- High Brighness
- 1920 x 1080 (Full HD) 1080P Native Resolution
- 5ms response time
- 3D Comb Filter

- Fast Switching Time
- 1x VGA Input
- 1x HDMI Input
- Tilting Desk Stand
- 75x75mm VESA Mounting Holes
- Low Power Consumption

Specifications

Description	Model		inMHD22
Panel Specification	Panel Type		IPS
	Screen Size		22" (21.5" Diagonal)
	Aspect Ratio		16:9
	Pixel Pitch		0.248mm
	Viewing Angle		178 x 178
	Contrast Ratio		1000:1
	Brightness		250cd/m²
	Resolution		1920 x 1080 (1080P Max)
	Display Colors		16.7M
	Response Time		5ms
Input/Output	PC	Frequency	FH:30~83KHz FV::56~75Hz
		Connectors	VGA (15p D-sub), HDMI
	Picture Adjust		Super Resolution, Sharpness, Black Level, Response Time, Overscan, Gamma, Color Temp
	Audio	Output	Headphone
Features			4 Screen Split, Color Cloning, Flicker Safe Mode, Reader Mode
Power	Power Consumption		24W Max
	Power Input		Power Adaptor: 100~240VAC / Monitor 19VDC
	Power Management		VESA DPMS Compliant
Physical	Tilt Angle		Yes -5° (front) 20° (rear)
	Net Weight		6 lbs
	Dimensions With Stand		20.1" x 7.7 x 16.2"
	Without Stand		20.1" x 2.6" x 12.4"
	VESA Mount		75x75mm (bracket not supplied)
	Operating Temperature		0°C~40°C
	Storage Temperature		-10°C~60°C
Regulatory	Approvals		FCC, CE, TUV, RoHS, EPEAT, ErP
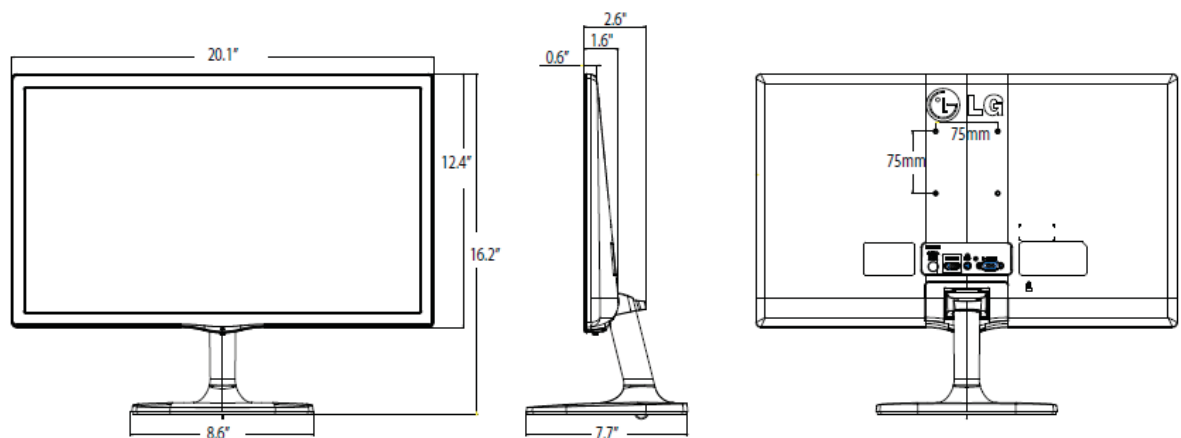
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in51IP2MP Series

Indoor WDR
Anti Vandal 2MP IP Dome

2 Mega Pixel **30FPS** **Triple Stream** **H.264 MPEG4 MJPEG**

3D DNR **D-WDR** **PoE 12VDC** **OnVIF**

The Remote ALert in51IP Series is the next generation in our line of indoor anti vandal resistant IP domes. The HD-IP network camera is based on advanced H.264 technology and supports full HD1080P (2MP) resolution.

With its advanced features, the 2MP camera allows full command and control of video parameters such as resolution, bit rate and frame rate. Offering D-WDR performance combined with 3D Digital Noise reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations. The in51IP2MP series is very compact and flexible enough to meet any installation requirement.

- Compact Die Cast Construction
- Thermal Management
- inViVid® Color Technology
- 2.1 Mega Pixel Sensor
- Full HD 2MP Image
- Triple Stream (H.264/MJPEG/MPEG4)

- Max 30 FPS
- D-WDR
- Simple Web interface
- ONVIF Support
- 12VDC or POE
- Optional 24VAC Converter

	Image Sensor	2.1 MP Sensor
	LED	Power / LAN
Video	Compression	H.264 / M-JPEG / Mpeg4
	Resolution	1920x1080, 1280x720, 720x576, 640x 360, 320x180
	Stream	Triple Stream H.264 x 1, M-JPEG x 1, MPEG4 x1
	Bit rate	128Kbps~8192Mbps
	Bit rate type	Constant(CBR), Variable(VBR)
	Frame rates	Up to 30fps
	Image Quality	1~99
	Interface	Network Output
	Sensitivity	0.01 Lux
	S/N Ratio	>52dB
	Day/Night	Yes
Lens	Focal Length	2.8~12mm
Image	Function	Color or Black & White
		Saturation, Contrast, Brightness, Sharpness, Hue, Mirror
		D-WDR
Network	LAN Interface	10/100 BaseT Ethernet Auto Sensing
	Protocols	RTP/RTSP, Unicast RTP, Multicast RTP
	ONVIF	Version 2.4
Viewer	Browser	IE
Security	Password	Multi-level user access with password protection
Physical	Construction	Die Cast Aluminum Shell Polycarbonate Bubble
	Dimension	108 x 95mmH
	Weight	550g
	Mounting	Surface
Power	Input	12VDC ±10% or POE
	Power Consumption	4W Max
Installation/ Maintenance		Configure by Installation wizard
Operating Environments	Temperature	0℃ ~ 50℃ (32°F ~ 122°F)
	Humidity	20%~85% RH (non-condensing)
Ordering	2.8~12mm	in51IP2MP28V12
	3.5~16mm	in51IP2MP35V16
	ADAC241A	24VAC Power Converter
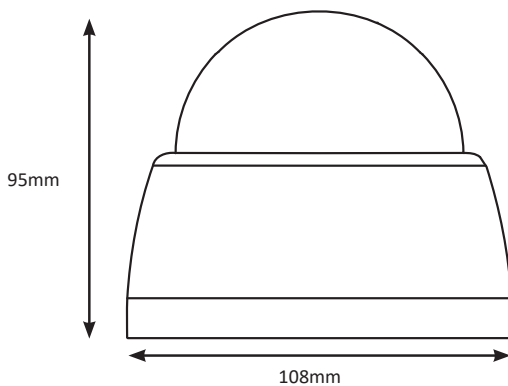
95mm

108mm

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in30IP2MPL3POE

IP ATM, WDR, SDN Camera

- **2 Mega Pixel**
- **30FPS**
- **Triple Stream**
- **H.265 H.264 MJPEG**
- **3D DNR**
- **WDR**
- **PoE 12VDC**
- **OnVIF**

The Remote Alert IP ATM Camera uses the latest in low light WDR performance chipsets. This is the next generation in our line of compact ATM cameras. The Remote Alert HD-IP network camera is based on advanced H.265 technology and supports full HD 1080P (2MP) resolution.

With its advanced features, the 2MP camera allows full command and control of video parameters such as resolution, bit rate and frame rate. Offering WDR performance combined with 3D Digital noise reduction, this compact camera will produce high quality video in the varying light conditions experienced in modern installations. The in30IP2MP series is very compact and flexible enough to meet any installation requirements.

- Compact Die Cast Construction
- Thermal Management
- Fixed 3mm Megapixel Lens
- 2.1Mega Pixel Sensor
- Full HD (1080P) 2MP Image
- Triple Stream (H.265/H.264/MJPEG)
- Max 30 FPS

- WDR 130dB
- Adaptable Mounting Brackets
- Simple Web interface
- Onvif Support
- 12VDC or PoE
- Optional 24VAC Converter
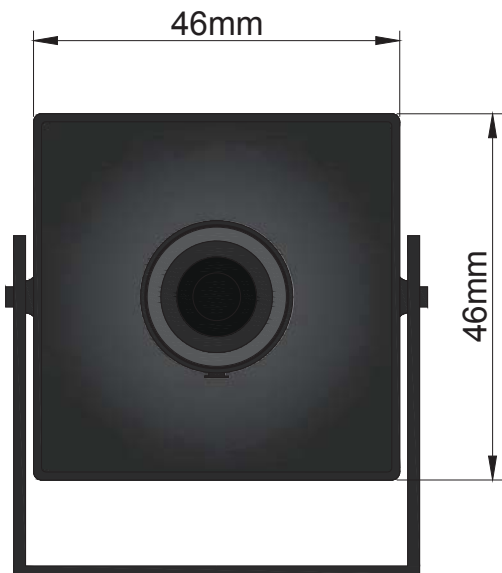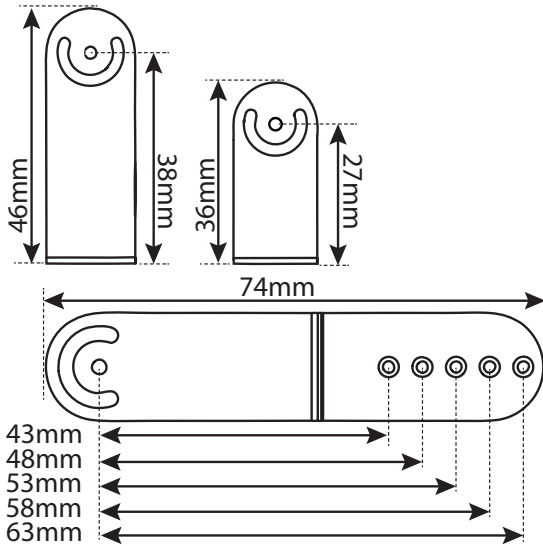
Image	Image Sensor	2.1 MP Sensor
	Size	1/2.8 inch
	Scan Method	Progressive Scan
	Total Pixels	1945(H) x 1109 (V) 2.16 Mega Pixels
	Effective Pixels	1945(H) x 1097(V) 2.13 Mega Pixels
Video	Compression	H.265/ H.264 /MJPEG
	Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 640x480, 320x240
	Stream	Triple Stream
	Bit rate type	Constant(CBR), Variable(VBR) MJPEG - Quality Level
	Bit Rate	128~8192
	Frame rates	Up to 30fps
Lens	Focal Length	3.0mm
Function	Day & Night	Auto /Day (Color) Night (BW)
	Privacy	On / Off (16 Programmable Zones)
	Motion Detection	On / Off Sensitivity 1~5 Steps
	WDR	120dB WDR On /Off
	DNR	2D-DNR, 3D-DNR
	Defog	On / Off
	Color Adjust	Bright / Contrast / Saturation / Sharpness / Hue
	White Balance	Auto(indoor) /Auto (Outdoor) / Push/ User
	Image Mirror	Normal / Mirror(H) /Flip (V) / Both (HV)
Network	LAN Interface	10/100 BaseT Ethernet Auto Sensing
	Protocols	RTP/RTSP, Unicast RTP, Multicast RTP
	ONVIF	Yes
Viewer	Browser	IE
Security	Password	Multi-level user access with password protection
Physical	Construction	Die Cast Aluminum Shell
	Dimension	46 x 46mm
	Weight	100g
	Mounting	Adaptable Mounting Brackets
Power	Power Consumption	12VDC ±10% 4W max or PoE
Installation/ Maintenance		Configure by Installation wizard
Operating Environments	Temperature	0℃ ~ 50℃ (32°F ~ 122°F)
	Humidity	0%~90% RH (non-condensing)
Ordering	3mm	in30IP2MPL3POE

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inCMIP2MPxx Series

2 Megapixel Full HD IP Camera Module

2 Mega Pixel

30FPS

Triple Stream

H.264 MPEG4 MJPEG

3D DNR

D-WDR

PoE 12VDC

OnVIF

The Remote Alert HD-IP network camera module is based on advanced H.264 technology and supports full HD1080P (2MP) resolution.

With its advanced features, the 2MP camera module allows full command and control of video parameters such as resolution, bit rate and frame rate. Offering D-WDR performance combined with 3D Digital Noise reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations.

- Full HD 2MP Image
- Tripple Stream (H.264/MJPEG/MPEG4)
- inMotion inViVid® Color Technology
- 2.1 Mega Pixel Sensor
- Full HD 2MP Image
- Triple Stream (H.264/MJPEG/MPEG4)

- Max 30 FPS
- D-WDR
- Simple Web interface
- ONVIF Support
- 12VDC or POE

	Image Sensor	2.1 MP Sensor
	LED	Power / LAN
Video	Compression	H.264 / M-JPEG / Mpeg4
	Resolution	1920x1080, 1280x720, 720x576, 640x 360, 320x180
	Stream	Triple Stream H.264 x 1, M-JPEG x 1, MPEG4 x1
	Bit rate	128Kbps~8192Mbps
	Bit rate type	Constant(CBR), Variable(VBR)
	Frame rates	Up to 30fps
	Image Quality	1~99
	Interface	Network Output
	Sensitivity	0.01 Lux
	S/N Ratio	>52dB
	Day/Night	Yes
Lens	Focal Length	2.8~12mm
Image	Function	Color or Black & White
		Saturation, Contrast, Brightness, Sharpness, Hue, Mirror
		D-WDR
Network	LAN Interface	10/100 BaseT Ethernet Auto Sensing
	Protocols	RTP/RTSP, Unicast RTP, Multicast RTP
	ONVIF	Version 2.4
Viewer	Browser	IE
Security	Password	Multi-level user access with password protection
Power	Input	12VDC ±10% or POE
	Power Consumption	4W Max
Installation/ Maintenance		Configure by Installation wizard
Operating Environments	Temperature	0℃ ~ 50℃ （32°F ~ 122°F）
	Humidity	20%~85% RH (non-condensing)
Ordering	3.6mm	inCMIP2MP36

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inTCxxIP2MP36 Series   Tower Camera

2 Mega Pixel   **30FPS**   **Triple Stream**   **H.264 MPEG4 MJPEG**

3D DNR   **D-WDR**   **PoE 12VDC**   **OnVIF**

The **Remote Alert Tower Cameras** are designed for applications where high resolution close ups are required of individuals during transactions.

Cameras are mounted in aesthetically pleasing housings that can easily be mounted at payment windows, teller points, or other locations where transactions may take place.

Applications:

- Banking
- Retail
- Immigration Control

- Car Rental
- Airline Security
- Licensing

With its advanced features, the 2MP camera allows full command and control of video parameters such as resolution, bit rate and frame rate. Offering D-WDR performance combined with 3D Digital noise reduction, this compact camera will produce high quality video in the varying light conditions experienced in modern installations. The small footprint of the camera allows versatility for placement and mounting. Capture full facial views of the person as they walk up to the counter/desk or as they drive up to the service window. Get the quality image you need with Remote ALert's HD-IP Tower camera.

- 8", 16", 20", 24" lengths available
- Counter Top Mount
- Capture Full Facial images
- 3.6mm lens
- Black Finish
- 2.1 Mega Pixel Sensor
- Full HD 2MP Image

- Triple Stream (H.264/MJPEG/MPEG4)
- Max 30 FPS
- D-WDR
- Simple Web interface
- Onvif Support
- 12VDC or PoE

Dimensions of
24"
Tower Camera

2.05"   2.25"

24.00"

22.40"

Front   Side

System	Image Sensor	2.1 MP Sensor
	LED's	Power / Lan
Video	Compression	H.264 / M-JPEG /MPEG4
	Resolution	1920x1080, 1280x720, 720x576, 640x360, 320x180
	Stream	Triple Stream H.264 x 1, M-JPEG x 1, MPEG4 x1
	Bit rate type	Constant(CBR), Variable(VBR)
	Bit Rate	128~8192
	Frame rates	Up to 30fps
	Image Quality	1~99
	Interface	Network Output
	Sensitivity	0.01 Lux
	S/N Ratio	>52dB
	Day/Night	Yes
Lens	Focal Length	3.0mm
Image	Function	Color or Black & White
		Saturation, Contrast, Brightness, Sharpness, Hue, Denoise
Network	LAN Interface	10/100 BaseT Ethernet Auto Sensing
	Protocols	RTP/RTSP, Unicast RTP, Multicast RTP
	ONVIF	ONVIF Version 2.4
Viewer	Browser	IE
Security	Password	Multi-level user access with password protection
Power	Power Consumption	12VDC ±10% 4W max or PoE
Installation/ Maintenance		Configure by Installation wizard
Operating Environments	Temperature	0℃ ~ 50℃ （ 32°F ~ 122°F ）
	Humidity	Less than 90%, non condensing
Ordering	8"	inTC08IP2MP36
	16"	inTC16IP2MP36
	20"	inTC20IP2MP36
	24"	inTC24IP2MP36

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IP ATM (Tigershark) WDR Camera Kit

TigerSHARK© *inViVid*

D1	1 ch	H.264 MJPEG	ONVIF PSIA
30FPS	Dual Stream	2-WAY AUDIO	
SDN WDR	800 TV Lines	Optical Dual Vari-focal	

The **Remote Alert IP ATM Camera Kit** includes our Tigershark WDR camera and our single channel encoder which is a powerful, compact video server platform featuring advanced video encoding capabilities. With its advanced features, the encoder allows full command and control of video parameters such as resolution, bit rate, frame rate along with PTZ control. This unit supports both ONVIF (Profile S) and PSIA (V1.0) standards. The Camera uses the latest in WDR performance chipsets . Offering ultra high 800TVL resolution, new Wide-D WDR performance combined with 3D Digital Noise Reduction, this compact camera will produce high quality video in the varying lighting conditions experienced in modern installations.

- Compact 36mm² footprint
- Thermal Management
- Ultra High 800 TVL
- Adaptable mounting brackets
- Software Day/Night Function
- Min. Illumin. 0.01 Lux
- Wide Dynamic Range (WDR) 130db
- Optical Dual Vari-Focal
- 3D DNR
- Sense Up

- Single Channel In/Out
- Dual Stream (H.264/MJPEG)
- Max 30 FPS D1(720x480)
- G.711 Two-Way Audio
- RS485/232 PTZ Support
- Simple Web interface
- Motion Detection
- DI/DO
- Alarm Management
- 12VDC

36mm

36mm

30mm

46mm **38mm** **36mm** **27mm**

74mm

43mm
48mm
53mm
58mm
63mm

Front

84.6

VIDEO
IN OUT
MIC SPK RS485 DI DO

Back

DC12V LAN COM PWR
F.D LAN

39

Top

84.6

90.2 106.2 108.2
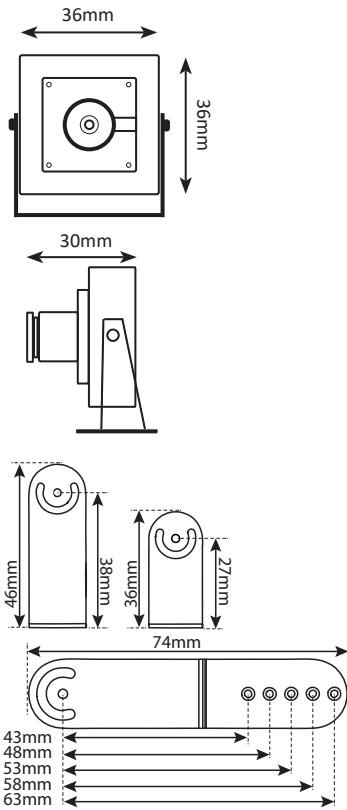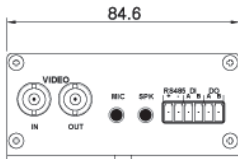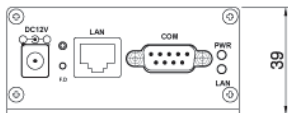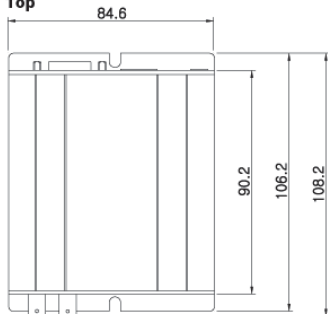
CPU	32 Bit Embedded CPU TI DaVinci TM320DM365	
Video Encoding	H.264/MJPEG	
Resolution	720x480, 704x480, 320x240, 160x112	
Stream	Dual Stream one in H.264 and one in Motion JPEG	
	Up to 30FPS	
Video	Input	Single Channel
	Looping	Yes
Audio	Channels	Single Channel
	Output	Yes
	Encoding	8bit G.711, 8khz, 8KBytes/sec
External Interface	DI	Alarm In
	DO	Trigger Out
	Com Port	RS232
Bandwidth Management	Framerate Control/Bandwidth Control/CBR/VBR	
Alarm Management	Trigger Condition/Alarm Service	
Security	Password Protection	
Protocol	HTTP, RTP, RTSP, TCP/IP ,FTP, TELNET, RARP, PPPoE, SNMP uPNP, DHCP, PAP, CHAP, NTP and more.	
Standards	ONVIF (Profile S) & PSIA (v1.0)	
Power	Voltage	12VDC
	Power	500mA Max.
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Physical	Construction	Metal Shell
	Dimensions	39mm H x 85 W x 110 D
	Weight	220g
Order ID	in30S2IPATM-KIT	

	System	NTSC & PAL
Imaging	Sensor	Mega Pixel Sensor
	Effective Pixels	1305x1049
Performance	Resolution	800TVL
	Wide Dynamic Range	130dB Max
	Sensitivity	0.01Lux
	S/N Ratio	52dB
	Day / Night	Software Controlled
Lens	Focal Length	3mm Fixed
Input/Output	Video Output	CVBS 1.0Vp-p 75Ω
	Programming interface	in-line Programmer
Power	Voltage	12VDC ±10
	Power	3W Max.
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Physical	Construction	Aluminum shell
	Mounting	Multiple Brackets Included
	Dimensions	36 H x 36 W x 32 D
	Weight	80g

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in31IP2MP Series　　Special Application Camera

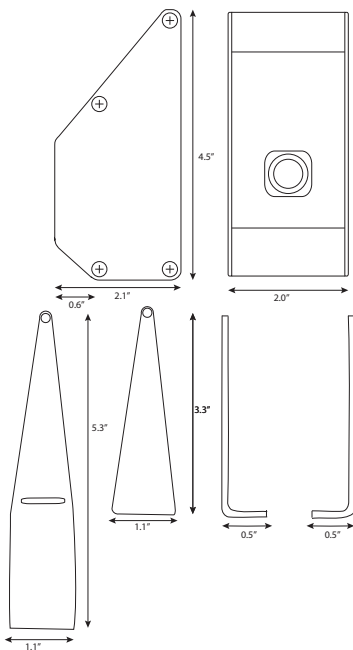| 2 Mega Pixel | 30FPS | Triple Stream | H.264 MPEG4 MJPEG |
| 3D DNR | D-WDR | PoE 12VDC | OnVIF |

The **Remote Alert Special Application Camera** is the next generation in our line of compact indoor specialty cameras.   The HD-IP network camera is based on advanced H.264 technology and supports full HD1080P (2MP) resolution.

With its advanced features, the 2MP camera allows full command and control of video parameters such as resolution, bit rate and frame rate. Offering D-WDR performance combined with 3D Digital noise reduction, this compact camera will produce high quality video in the varying light conditions experienced in modern installations. The small footprint of the camera allows versatility for placement and mounting. The versatile in31 is extremely compact and flexible enough to meet any installation requirements. Use in ATM's, Gaming, Fast food windows, many other speciality applications.

- Small Footprint
- Adjustable Mounting Bracket
- Hi-Res Board lens (various options)
- Black Finish
- 2.1 Mega Pixel Sensor
- Full HD 2MP Image

- Triple Stream (H.264/MJPEG/MPEG4)
- Max 30 FPS
- D-WDR
- Simple Web interface
- Onvif Support
- 12VDC or PoE

System	Image Sensor	2.1 MP Sensor
	LED's	Power / Lan
Video	Compression	H.264 / M-JPEG /MPEG4
	Resolution	1920x1080, 1280x720, 720x576, 640x360, 320x180
	Stream	Triple Stream H.264 x 1, M-JPEG x 1, MPEG4 x1
	Bit rate type	Constant(CBR), Variable(VBR)
	Bit Rate	128~8192
	Frame rates	Up to 30fps
	Image Quality	1~99
	Interface	Network Output
	Sensitivity	0.01 Lux
	S/N Ratio	>52dB
	Day/Night	Yes
Lens	Focal Length	3.0mm or 2.8~12mm
Image	Function	Color or Black & White
		Saturation, Contrast, Brightness, Sharpness, Hue, Denoise
Network	LAN Interface	10/100 BaseT Ethernet Auto Sensing
	Protocols	RTP/RTSP, Unicast RTP, Multicast RTP
	ONVIF	ONVIF Version 2.4
Viewer	Browser	IE
Security	Password	Multi-level user access with password protection
Physical	Construction	Metal Shell/Bracket
	Dimension	46 H x 46 W x 43 D
	Weight	80g
	Mounting	Surface
Power	Power Consumption	12VDC ±10% 4W max or PoE
Installation/ Maintenance		Configure by Installation wizard
Operating Environments	Temperature	0℃ ~ 50℃ (32℉ ~ 122℉)
	Humidity	Less than 90%, non condensing
Ordering	3.6mm	in31IP2MP36
	2.8~12mm	in31IP2MP28V12

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inDUCSIP2MP36

Drive-Up/Counter Camera

2 Mega Pixel	*30FPS*	*Triple Stream*	*H.264 MPEG4 MJPEG*
3D DNR	*D-WDR*	*PoE 12VDC*	*OnVIF*

TIGER SHARK® *in ViVid*

The **Remote Alert Drive-Up/Counter Camera** is the next generation in our line of compact indoor specialty cameras.   The HD-IP network camera is based on advanced H.264 technology and supports full HD1080P (2MP) resolution.

With its advanced features, the 2MP camera allows full command and control of video parameters such as resolution, bit rate and frame rate. Offering D-WDR performance combined with 3D Digital noise reduction, this compact camera will produce high quality video in the varying light conditions experienced in modern installations.The small footprint of the camera allows versatility for placement and mounting. Capture full facial views of the person as they walk up to the counter or desk or as they drive up to the service window. Get the quality image you need with Remote Alert's Drive-Up/Counter camera.

- Mount to Counters/Desktops/Window Mullions
- Small Footprint
- Multiple Mounting Brackets
- Capture Full Facial images
- 3.6mm lens
- Easy installation

- Triple Stream (H.264/MJPEG/MPEG4)
- Max 30 FPS
- D-WDR
- Simple Web interface
- Onvif Support
- 12VDC or PoE

Dimensions

System	Image Sensor	2.1 MP Sensor
	LED's	Power / Lan
Video	Compression	H.264 / M-JPEG /MPEG4
	Resolution	1920x1080, 1280x720, 720x576, 640x360, 320x180
	Stream	Triple Stream H.264 x 1, M-JPEG x 1, MPEG4 x1
	Bit rate type	Constant(CBR), Variable(VBR)
	Bit Rate	128~8192
	Frame rates	Up to 30fps
	Image Quality	1~99
	Interface	Network Output
	Sensitivity	0.01 Lux
	S/N Ratio	>52dB
	Day/Night	Yes
Lens	Focal Length	3.6mm
Image	Function	Color or Black & White
		Saturation, Contrast, Brightness, Sharpness, Hue, Denoise
Network	LAN Interface	10/100 BaseT Ethernet Auto Sensing
	Protocols	RTP/RTSP, Unicast RTP, Multicast RTP
	ONVIF	ONVIF Version 2.4
Viewer	Browser	IE
Security	Password	Multi-level user access with password protection
Physical	Construction	Metal Shell/Bracket
	Dimension	114.3 H x 52.07 W x 53.34D
	Weight	80g
	Mounting	Surface
Power	Power Consumption	12VDC ±10% 4W max or PoE
Installation/ Maintenance		Configure by Installation wizard
Operating Environments	Temperature	0℃ ~ 50℃ （ 32°F ~ 122°F ）
	Humidity	Less than 90%, non condensing
Ordering	3.6mm	inDUCSIP2MP36

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inHSIP2MPL36 series

2 Megapixel Full HD IP Height Strip Camera

2 Mega Pixel

30FPS

Triple Stream

H.264 MPEG4 MJPEG

3D DNR

D-WDR

PoE 12VDC

OnVIF

The Remote Alert HD-IP Height Strip is based on advanced H.264 technology and supports full HD1080P (2MP) resolution.

With its advanced features, the 2MP camera module allows full command and control of video parameters such as resolution, bit rate and frame rate. Offering full HD resolution , D-WDR combined with 3D Digital Noise Reduction, this camera will produce high quality video in the varying lighting conditions experienced in modern installations. The height strip allows you to capture a full facial view at eye level as the person exits the premises. Capture the quality image you need with Remote Alert's Height Strip Camera.

- Fits Standard Door Frames
- Accepts 2 Camera Modules
- Highly visible color coded height levels
- 3.6mm lens
- Bronze or Aluminium Finish
- Optional 15° Mounting Wedge
- Custom colors available
- Full HD 2MP Image
- Tripple Stream (H.264/MJPEG/MPEG4)

- inViVid® Color Technology
- 2.1 Mega Pixel Sensor
- Full HD 2MP Image
- Triple Stream (H.264/MJPEG/MPEG4)
- Max 30 FPS
- D-WDR
- Simple Web interface
- ONVIF Support
- 12VDC or POE

Height Strip mounted
to 15° Wedge

15° Mounting Wedge

Dimensions

1.785"
1.625"

34"

6

6"

3" 5

4

	Image Sensor	2.1 MP Sensor
	LED	Power / LAN
Video	Compression	H.264 / M-JPEG / Mpeg4
	Resolution	1920x1080, 1280x720, 720x576, 640x 360, 320x180
	Stream	Triple Stream H.264 x 1, M-JPEG x 1, MPEG4 x1
	Bit rate	128Kbps~8192Mbps
	Bit rate type	Constant(CBR), Variable(VBR)
	Frame rates	Up to 30fps
	Image Quality	1~99
	Interface	Network Output
	Sensitivity	0.01 Lux
	S/N Ratio	>52dB
	Day/Night	Yes
Lens	Focal Length	3.0mm
Image	Function	Color or Black & White
		Saturation, Contrast, Brightness, Sharpness, Hue, Mirror
		D-WDR
Network	LAN Interface	10/100 BaseT Ethernet Auto Sensing
	Protocols	RTP/RTSP, Unicast RTP, Multicast RTP
	ONVIF	Version 2.4
Viewer	Browser	IE
Security	Password	Multi-level user access with password protection
Power	Input	12VDC ±10% or POE
	Power Consumption	4W Max
Installation/ Maintenance		Configure by Installation wizard
Physical	Dimensions (Inch)	34"H x 1.785" W x 1.625"D
	Weight	6.2lbs
Operating Environments	Temperature	0℃ ~ 50℃ (32°F ~ 122°F)
	Humidity	20%~85% RH (non-condensing)
Ordering	Bronze Finish	inHSIP2MPL36B
		inHSWB 15° Wedge
	Aluminum Finish	inHSIP2MPL36A
		inHSWA 15° Wedge

Remote Alert reserves the right to amend specifications and design without prior notice

inTLCFSIP2MP36
inTLCNSIP2MP36
inTLCBSIP2MP36

Teller Camera Series
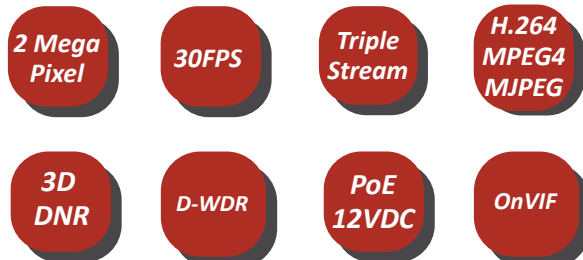
2 Mega Pixel **30FPS** **Triple Stream** **H.264 MPEG4 MJPEG**

3D DNR **D-WDR** **PoE 12VDC** **OnVIF**

The **Remote Alert** Teller Cameras are designed for applications where high resolution close ups are required of individuals during transactions.

The cameras are mounted in aesthetically pleasing housings that can easily be mounted at payment windows, teller points, desks/counters or other locations where transactions or information exchange may take place.

Applications:

- Banking
- Retail
- Customer Services desks
-

- Car Rental
- Airline Security
- Licensing

Features:

- Blank Plate, FDIC or NCUA regulatory signage options.
- Desk Top Mounting
- 3.6mm Lens
- Capture Full Facial images
- 2.1 Mega Pixel Sensor
- Full HD 2MP Image

- Triple Stream (H.264/MJPEG/MPEG4)
- Max 30 FPS
- D-WDR
- Simple Web interface
- Onvif Support
- 12VDC or PoE

System	Image Sensor	2.1 MP Sensor		
	LED's	Power / Lan		
Video	Compression	H.264 / M-JPEG /MPEG4		
	Resolution	1920x1080, 1280x720, 720x576, 640x360, 320x180		
	Stream	Triple Stream H.264 x 1, M-JPEG x 1, MPEG4 x1		
	Bit rate type	Constant(CBR), Variable(VBR)		
	Bit Rate	128~8192		
	Frame rates	Up to 30fps		
	Image Quality	1~99		
	Interface	Network Output		
	Sensitivity	0.01 Lux		
	S/N Ratio	>52dB		
	Day/Night	Yes		
Lens	Focal Length	3.0mm		
Image	Function	Color or Black & White		
		Saturation, Contrast, Brightness, Sharpness, Hue, Denoise		
Network	LAN Interface	10/100 BaseT Ethernet Auto Sensing		
	Protocols	RTP/RTSP, Unicast RTP, Multicast RTP		
	ONVIF	ONVIF Version 2.4		
Viewer	Browser	IE		
Security	Password	Multi-level user access with password protection		
Power	Power Consumption	12VDC ±10% 4W max or PoE		
Installation/ Maintenance		Configure by Installation wizard		
Operating Environments	Temperature	0℃ ~ 50℃ （32°F ~ 122°F ）		
	Humidity	Less than 90%, non condensing		
Physical	Dimensiosn (inch)	4.5""H x 8.5" W x 2.094""D		
	Weight	1.2lbs		
Order Codes	Signage	inTLCFSIP2MP36	inTLCNSIP2MP36	inTLCBSIP2MP36

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Single Channel D1 Encoder

D1   **1 ch**   **H.264 MJPEG**   **ONVIF PSIA**

30FPS   **Dual Stream**   **2-WAY AUDIO**

The Remote Alert encoder is a powerful, compact video server platform featuring advanced video encoding capabilities. Transform any analog camera into an IP device with dedicated alarm & I/O management.

With its advanced features, the encoder allows full command and control of video parameters such as resolution, bit rate, frame rate along with PTZ control. This unit supports both ONVIF (Profile S) and PSIA (V1.0) standards

- Single Channel In/Out
- Dual Stream (H.264/MJPEG)
- Max 30 FPS D1(720x480)
- G.711 Two-Way Audio
- RS485/232 PTZ Support
- Motion Detection

- Simple Web interface
- PTZ Control
- Motion Detection
- DI/DO
- 12VDC
- Alarm Management
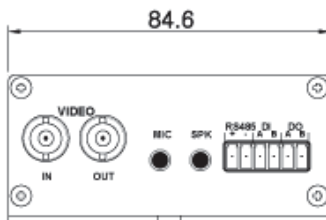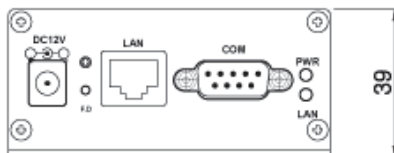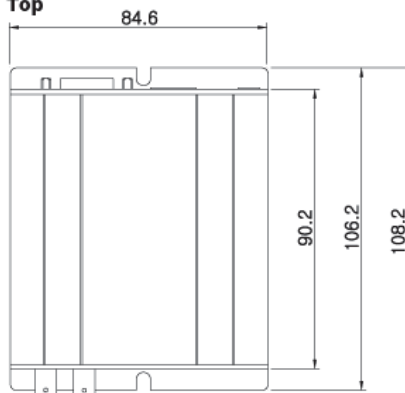
Video Encoding	H.264/MJPEG (Simultanious dual stream)	
Resolution	720x480 / 352x240	
Live Cast	Streaming Video with full duplex live audio up to 30fps @D1 when simplex	
Video	Input	Single Channel
	Looping	Yes
Audio	Channels	Single Channel
	Output	Yes
	Encoding	8bit G.711, 8khz, 8KBytes/sec
External Interface	DI	Alarm In
	DO	Trigger Out
	Com Port	RS232
	PTZ Control	RS485
Bandwidth Management	Framerate Control/Bandwidth Control/CBR/VBR	
Alarm Management	Trigger Condition/Alarm Service	
Security	Password Protection	
Protocol	HTTP, RTP, RTSP, TCP/IP ,FTP, TELNET, RARP, PPPoE, SNMP uPNP, DHCP, PAP, CHAP, NTP and more.	
Standards	ONVIF (Profile S) & PSIA (v1.0)	
Power	Voltage	12VDC
	Power	4.8W Max.
Environmental	Operating Temperature	-10°C~+50°C
	Humidity	Less than 90%, non condensing
Physical	Construction	Metal Shell
	Dimensions	39mm H x 85 W x 110 D
	Weight	220g
Order ID	inENCODE1	

Front

84.6

Back

39

Top

84.6

90.2
106.2
108.2

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inENCODE-D1-BD Single Channel D1 Encoder

| D1 | 1 ch | H.264 MJPEG | Dual Stream | 30FPS |
| ONVIF PSIA | Alarm I/O | 2-WAY AUDIO | VMD | 12VDC |

ONVIF

The Remote Alert CCTV encoder is a powerful, compact video server platform featuring advanced video encoding capabilities. Transform any analog camera into an IP device with dedicated alarm & I/O management.

With its advanced features, the Remoe Alert encoder allows full command and control of video parameters such as resolution, bit rate, frame rate along with PTZ control. This unit supports both ONVIF (Profile S) and PSIA (V1.0) standards

- Single Channel Analog In/Out
- Dual Stream (H.264/MJPEG)
- Max 30 FPS D1 (720x480)
- Simple Web Interface
- G.711 Two-Way Audio
- RS485/232 PTZ Support

- Motion Detection
- Alarm I/O
- Alarm Management
- Image Controls
- Selectable Image Size by Stream
- 12VDC or POE (Optional)

System	CPU	32bit Embedded CPU TI DaVinci TM320DM365
	Memory	Flash 128Mbytes / SDRAM 128Mbytes
	Operating System	Linux
	Button	Reset(Factory default)
	LED	Status LED x 1 (Green/Red), Ethernet x 2
	Video	Input x 1 Analog, Output x 2 (OSD Set up and Viewing)
	Audio	MIC in x 1, Audio Line Out x 1
	I/O	Input x 1 NO/NC, Output x 1 NO/NC
	Communication	Serial Interface RS232 /RS485
	Ethernet	10/100Mbps
Video	Compression	H.264 / M-JPEG
	Resolution	720x480, 704x480, 320x240, 160x112
	Stream	Dual Stream one in H.264 and one in Motion JPEG
	Bit rate	64Kbps~12Mbps
	Bit rate type	Constant(CBR), Variable(VBR)
	Frame rates	Up to 30fps (H.264)
		Up to 30fps (M-JPEG)
	Image Quality	6 Levels
	Interface	1 Analog Input
		2 Analog Outputs (Display & Local Camera Programming by UTC Controller)
Audio	Compression	8 bit PCM (G.711 u-Low) Sampling rate 8Khz
		8 Kbyte/sec per channel 16 kbps Min/Max audio Freq 300Hz~3.4KHz
	Interface	1 x Mic/Line input
		1x Mono output (Line Level)
	Transport	Two way, Full duplex
Image	Function	Color or Black & White
		Hue
		Saturation
		Contrast
		Brightness
Network	LAN Interface	10/100 Base T Ethernet Auto Sensing
	Protocols	TCP, DHCP, RTP, RTCP, RTP, RTSP, HTTP, NTP, PPPoE, SMTP Client, FTP, PAP, CHAP, RARP, UPnP, ect
	ONVIF & PSIA	ONVIF (Profile S) PSIA (v1.0)
Event Management	Schedule	Supported
	Motion Detection	12x12=144 Blocks, Sensitivity -100~100
	Video	Video Loss, Video Recovered
	I/O	Input x 1 NO/NC Output x 1 NO/NC
	Sensor Notification	UDP, HTTP, TCP
	Buffer	5.6Mbyte for Pre/Post Alarm
	Image Upload	FTP and E-Mail
	Recording	SD card (Optional)
PTZ Control	RS232/RS485	Pelco P & D, Range of others supported
Viewer	Browser	IE
	Streaming Player	Quick Time, VLC
Security	Password	Multi-level user access with password protection
Size	Dimension	42x42x15 (Dual Stack Board)
	Weight	40g
Power	Power Consumption	DC 12V / 450ma Max (SMPS Supply Recommended)
	PoE (Optional)	IEEE 802.3af compliant Power-over-Ethernet (PoE)
Interface	Connections	Various Molex Connectors for all Interfaces
System Integration	SDK	Open HTTP API/Active X for Livecast
Installation/Maintenance		Configure by Installation wizard, HTTP, Telnet
Operating Environments	Temperature	0℃ ~ 50℃ (32℉ ~ 122℉)
	Humidity	20%~80% RH (non-condensing)
Ordering		inENCODE-D1-BD

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inMM201
inMM103

Monitor Mounts

The **inMM** series of monitor mounts offer you a Fixed or Pivoting version to select from.

inMM201

- Fixed No Movement
- Low Profile Design
- Fast & Simple Mounting
- VESA 75 & 100mm
- Loading 50lbs

inMM103

- Tilt & Swivel
- ±45° Tilt
- 180° Swivel
- Low Profile Design
- Fast & Simple Mounting
- VESA 75 & 100mm
- Loading 30lbs

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inHSWA
inHSWB

15° Mounting Wedge
for Height Strip

HS mounted to 15° Wedge
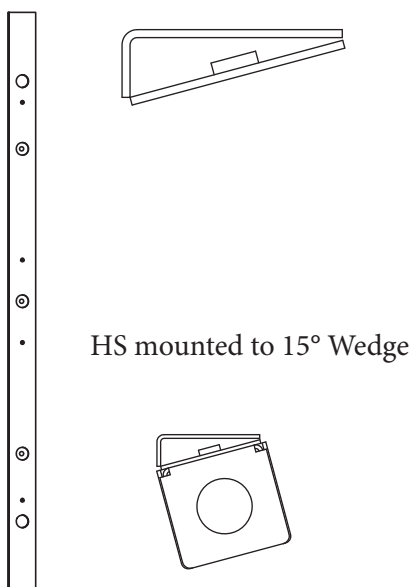
15° Mounting Wedge

This Wedge Mount allows for an expanded field of view from the Height Strip Camera. This unit can be used on righthand or lefthand installations.

- Metal Construction
- 15° Wedge
- Easy Mounting
- Use on Left Hand or Right Hand Installations
- Bronze or Aluminum Finish

Remote Alert reserves the right to amend specifications and design without prior notice

in CHPKIT CHPHBKIT   Housing & Bracket Kits

The **Remote Alert** CHP series housing kits all include a side opening housing and the inCHPB feed through wall mount bracket. This indoor /outdoor housing offers security and environmental protection against the elements.

The side opening provides easy access for the installer with the option of factory installed 24VAC heater and blower help to maintain stable working temperatures while the feed-through mounting bracket simplifies the cable wiring into the housing.

The inCHP series is an ideal choice for your security applications requiring the housing of a traditional style "box" camera and lens..

Features:

inCHP15/inCHPHB

- Indoor/Outdoor Housing
- Poly-Carbonate Construction
- Side Opening Lid
- 24VAC Powered*
- Thermostatic Heater and Blower*

inCHPB

- Die Cast Wall Mount
- Universal Knuckle Joint
- Cable Feed-Through for Housing

*inCHP15HB only

General	Construction	Polycarbonate
	Weight	4.2lbs (1.90kg)
	Latch	Top mounted screws
	Environment	Indoor/Outdoor -10°F to 120°F (-23° C to 49° C)
Mechanical	Maximum Camera Size	9.8"x 3.75" x 3.14" (249 x 95 x 79mm)
	Viewing Window Area	3" Round
	Cable Entry	Bottom (Cable managed through mount)
	Housing Dimensions	15" x 6" x 5.5" (381 x 153 x 140mm)
	Bracket Dimensions	8.4"x 3.1" x 4.7" (214 x 79 x 120mm)
Electrical (inCHP15HB only)	Heater	Thermostatically controlled On at 59°F/15°C. Off at 77°F/25°C
	Blower	Thermostatically controlled On at 99°F/37°C. Off at 83°F/28°C
	Power Requirements	24VAC
	Heater	6VA (0.25A)
	Blower	1.68VA (0.14A)
Order Codes	Unheated version: Heater/Blower version:	inCHPKIT inCHPHBKIT

Remote Alert reserves the right to amend specifications and design without prior notice

inCA51WMB

Wall/Pole Mount for in51 Series Domes
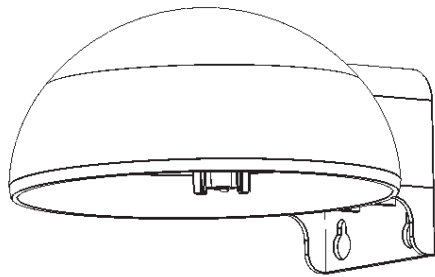
The Remote Alert inCA51WMB is used to mount the in51 Series domes on walls or flat poles. This versitile mount will fit many applications you may encounter.

- Metal Construction
- Small Footprint
- Low Profile

113mm

54mm

49mm
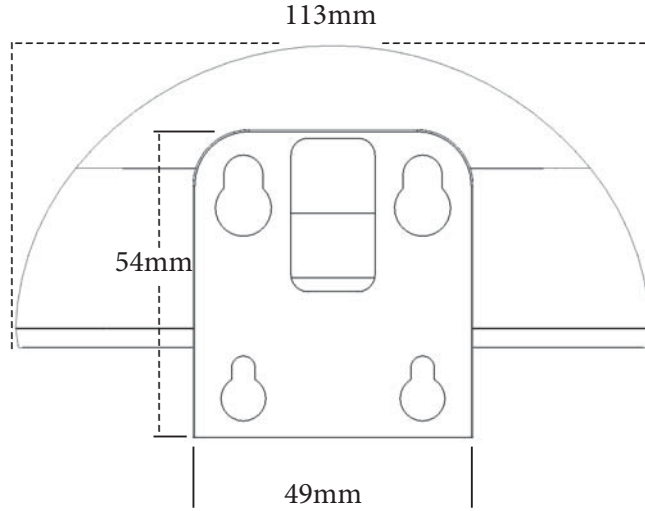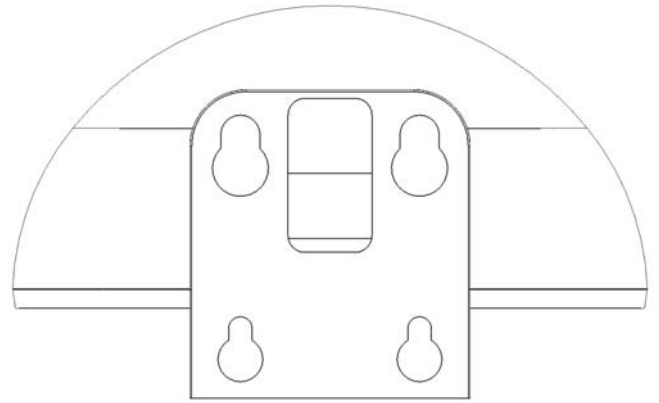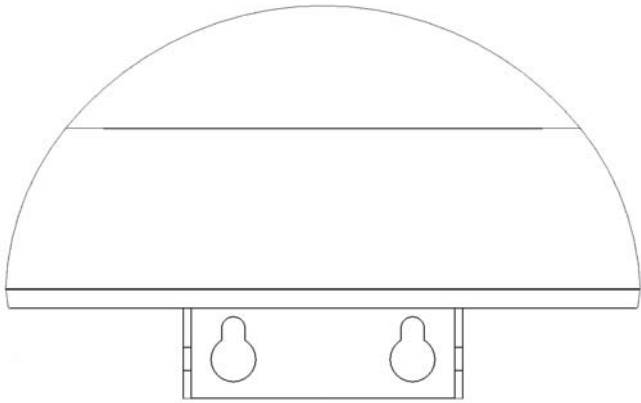
Order Code	Wall/Pole Mount	inCA51WMB

Remote Alert reserves the right to amend specifications and design without prior notice

inCA51PC   Pendant Cap
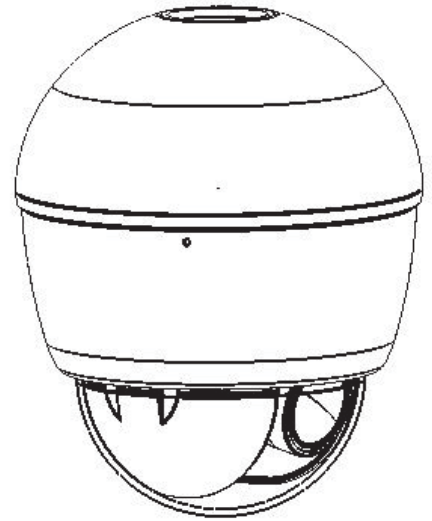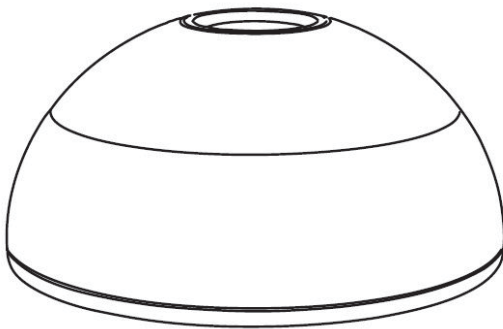
The Pendant Cap for the in51 Series dome connects directly to a 3/4 conduit or can be used in conjunction with a wall or ceiling mount.

- Metal Construction
- 3/4" NPT Threads

Remote Alert reserves the right to amend specifications and design without prior notice

inCA514SMP   Electrical Box Adapter Plate
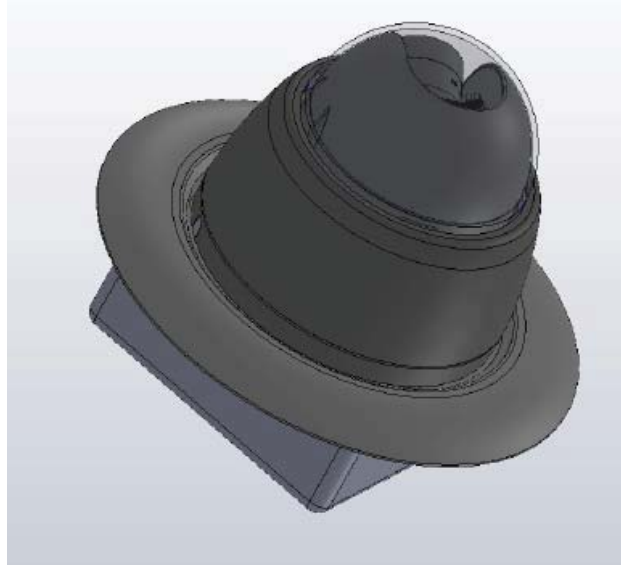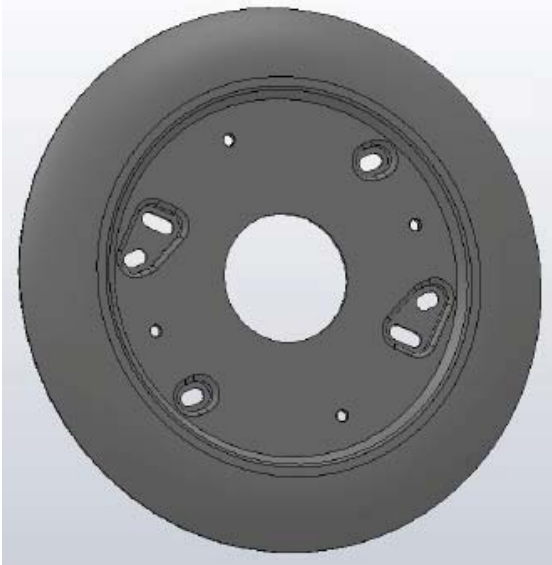
The Remote Alert inCA514SMP Electrical Box Adapter Plate is used to mount the in51 Series domes on a variety of electrical boxes. Mounts to a 4-Square, Double Gang, Single Gang, Octagon or Round box.

- Metal Construction
- Dome Covers Mounting holes
- Fits Multiple Box Types
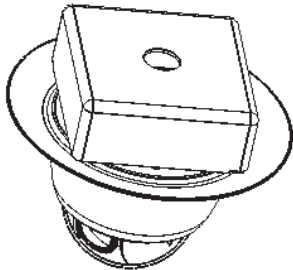
Physical	Diameter	168.5mm
	Weight	220g
Order Codes	White	inCA514SMP
	Black	inCA514SMPB
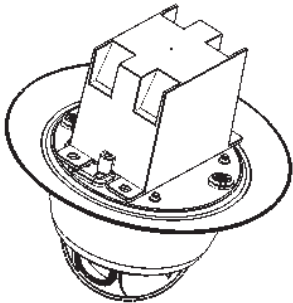
4 Square

Old Work Box
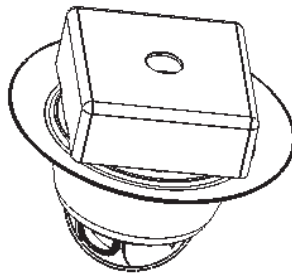
Double Gang
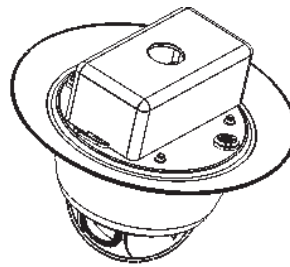
Single Gang
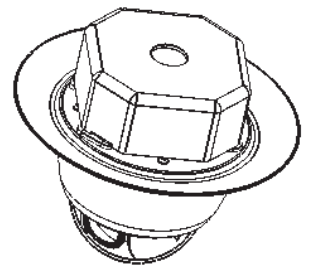
Octagon

Mounting to a 4 Square Box

Dimension
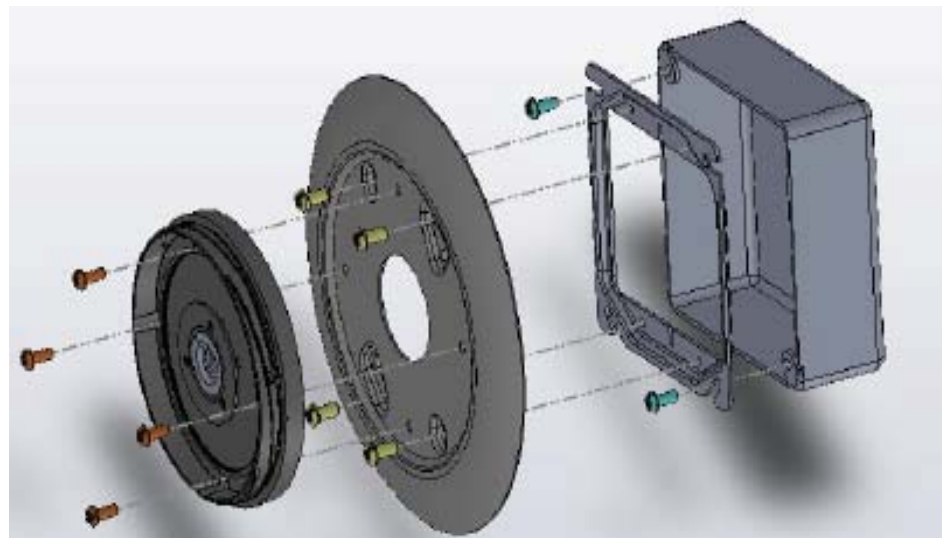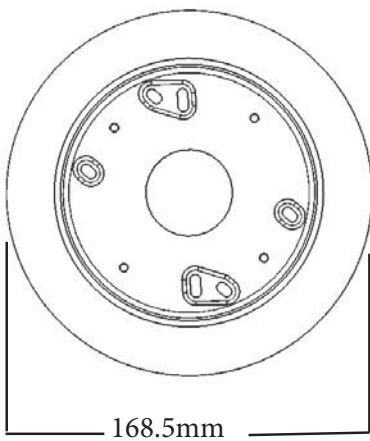
168.5mm

Remote Alert reserves the right to amend specifications and design without prior notice

inCA51BP
inCA51DP6
inCA51DP12
inCA51DP24

Drop/Hard Ceiling Accessories for in51 Series Domes
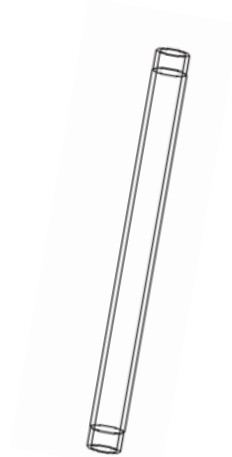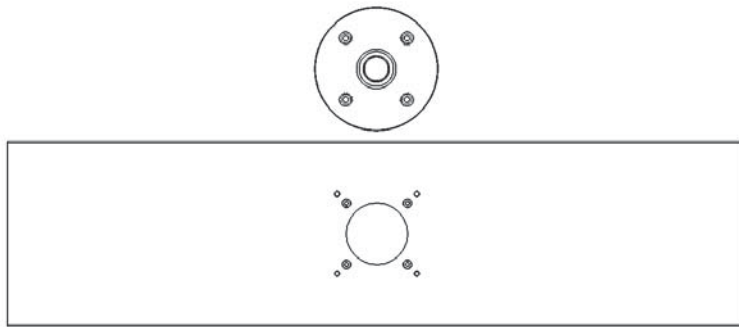
The Remote Alert inCA51BP Drop Ceiling Backer Plate and flange are used to mount the in51 Series domes to drop ceilings to prevent any ceiling tile sag. Normally used when extending dome down from the ceiling using drop pipe (inCA51DP6, inCA51DP12 or inCA51DP24). Flange can also be used on hard ceilings.

- Metal Construction
- Metal Flange fits 3/4" NPT
- 6", 12", 24" Drop Pipes
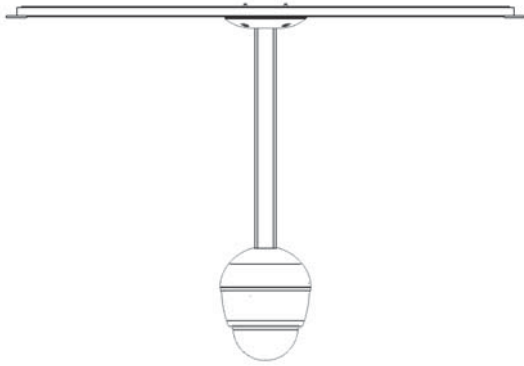
600mm/23.622" 150mm/5.096"
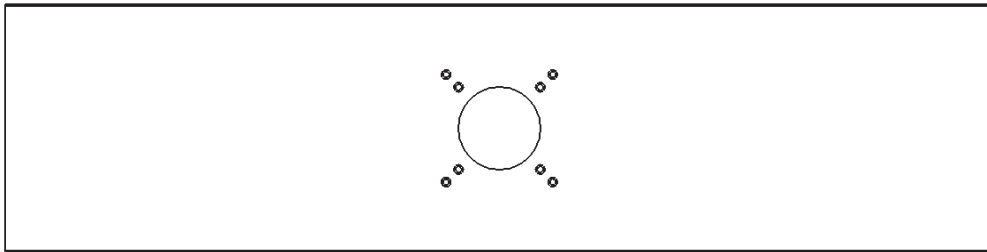
Diameter
100mm/3.937" 15mm/.591"

Order Codes	Backer Plate & Flange	inCA51BP
	6" Pipe 3/4"	inCA51DP6
	12" Pipe 3/4"	inCA51DP12
	24" Pipe 3/4"	inCA51DP24
	Pendant Cap	inCA51PC

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((·(!)·)) REMOTE ALERT
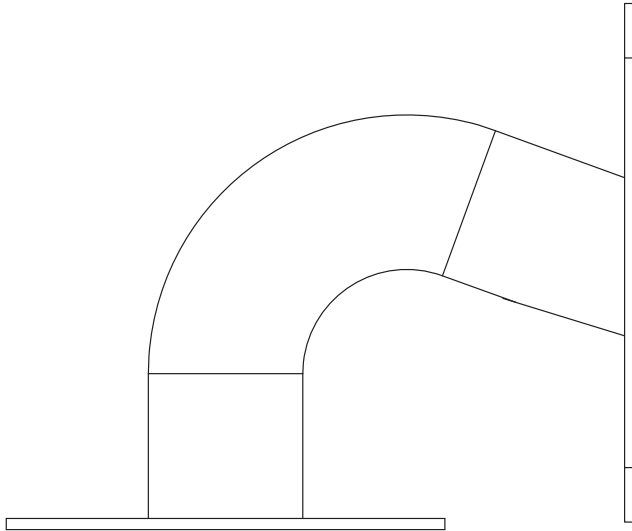
inCA61GNB
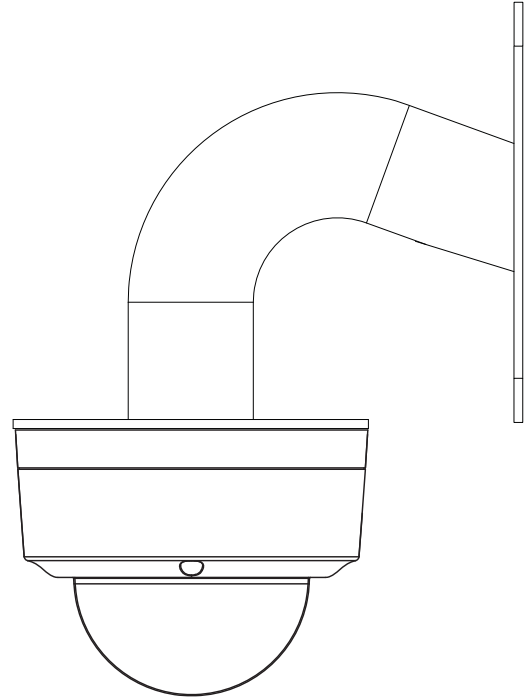
Wall Mount

The Remote Alert inCA61GNB wall mount is used with our in61 Series Outdoor Vandal Dome

- Metal Construction
- Wire management Mount
- Fits Double Gang Box

inADAC24PM   AC to DC Power Module

The **Remote Alert** inADAC24PM power module enables the use of the 12VDC in30 ATM camera on 24VAC powered systems. This allows the installer to use both 24VAC and 12VDC powered cameras on a common 24VAC power infrastructure. The power module is mounted to a back plate and has a removable shield to help prevent EMI/RFI issues within the ATM. This unit ships with a 36" power/video cable which allows mounting of the power module in back of the ATM.

Benefits:
- High reliability
- Stable output
- Polarity independent
- Noise suppression
- Lower "volt-drop" on extended cable runs.

Model:	inADAC24PM
Input Voltage	DC 9.6~15V / AC 19V~29V
Output Voltage (regulated)	12VDC @ 450mA
Ripple & Noise	150mVp-p Max
Input connection	Terminal Block
Output connection	10 Pin Molex for direct camera conection
Total Cable length	approx 92cm (36")
Dimensions (LxWxH)	63.5x50x26.5mm / 2.5 x 1.97 x 1 inch
Weight	52g / 2oz
Case type	Metal
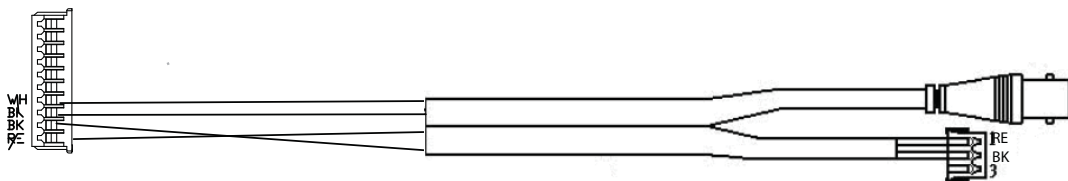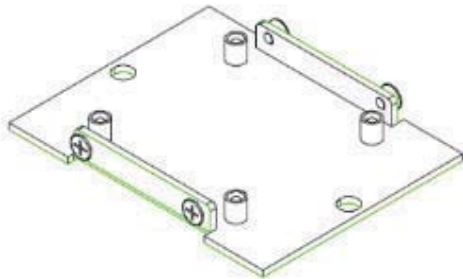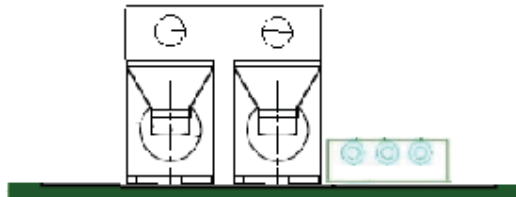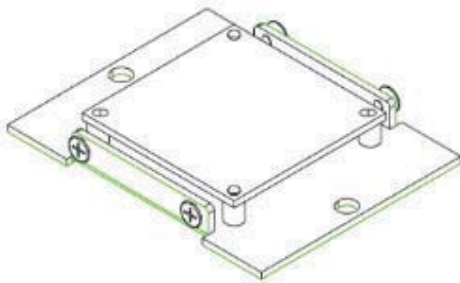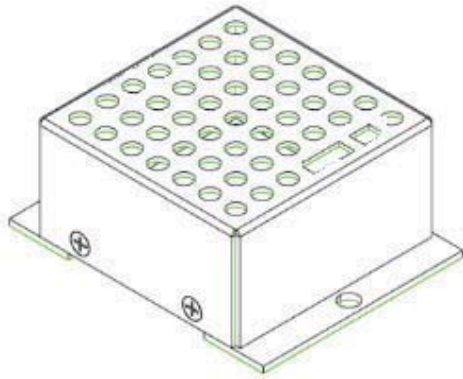
inADAC241A   AC to DC Power Converter

The **Remote Alert** inADAC series of power converters enable the use of 12VDC cameras on 24VAC power systems and allow the installer to use both 24VAC and 12VDC powered cameras on a common 24VAC power infrastructure.

24VAC power supplies have following benefits:
• Lower cost
• High reliability
• Polarity independent
• Lower "volt-drop" on extended cable runs.

A simple and effective solution for providing a regulated DC supply.

Model:	inADAC241A
Input Voltage	20V~36V AC/DC
Output Voltage (regulated)	12VDC @ 1000mA
Input connection	Terminal Block
Output connection	2.1mm DC Barrel plug
Total Cable length (inc converter)	approx 30cm (12")
Dimensions (LxWxH)	46 x 35 x 27mm 1⅝ x 1⅜ x 1 inch
Weight	82g / 3oz
Case type	Metal

Remote Alert reserves the right to amend specifications and design without prior notice

inPA121A   Switching Power Adaptor (12VDC)

This switching power adaptor can be used to power any of your 12VDC cameras or other items.

- Switching Power Adaptor
- Input 110 -240 VAC
- Output 12VDC -1 Amp Max

Remote Alert reserves the right to amend specifications and design without prior notice

inCASVC

Service Cable

The service cable is used for local set up of cameras during installation or service. Plug directly from a camera into a field monitor.

- 2.1mm Jack
- 41" in overall length
- BNC Output
- For use with the 44,51,53, 60 Series Domes

Remote Alert reserves the right to amend specifications and design without prior notice

Rackmount for inM417, inM419 LED Backlit Monitor
inM41719RMK
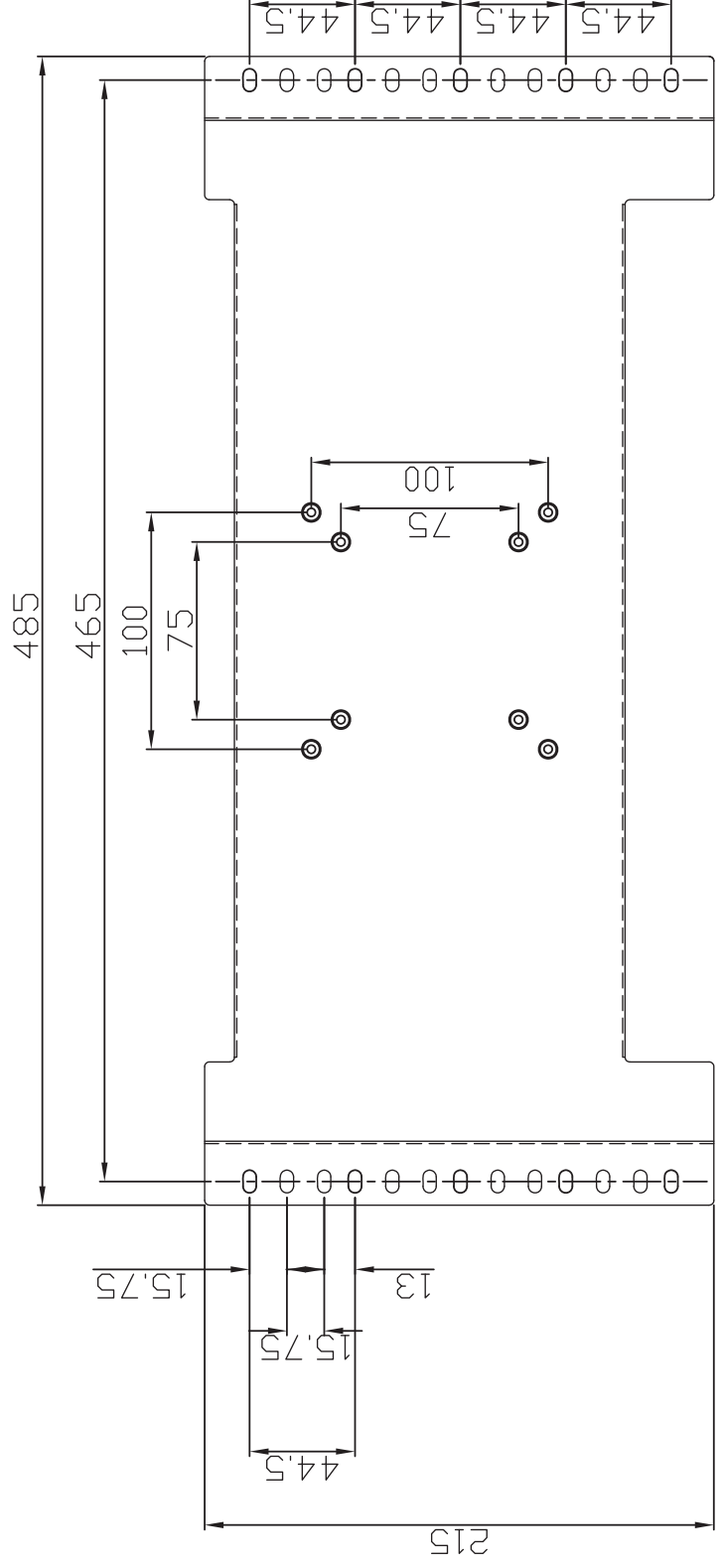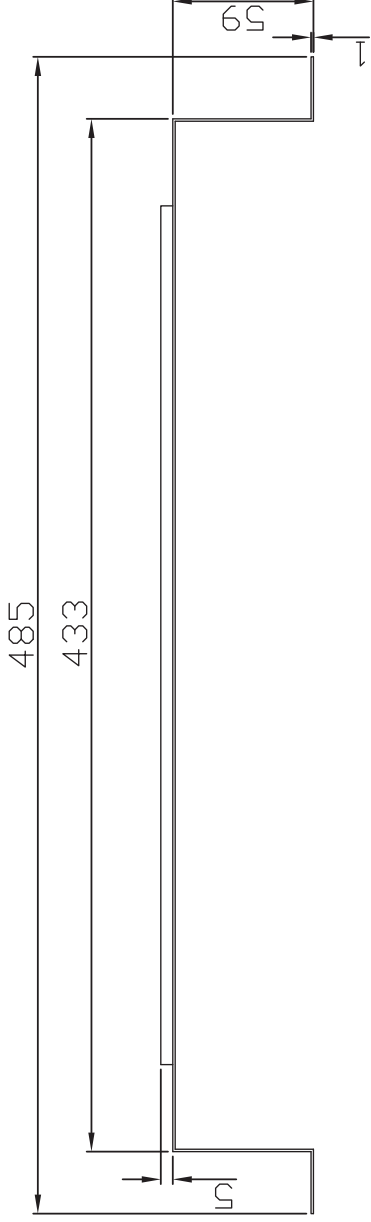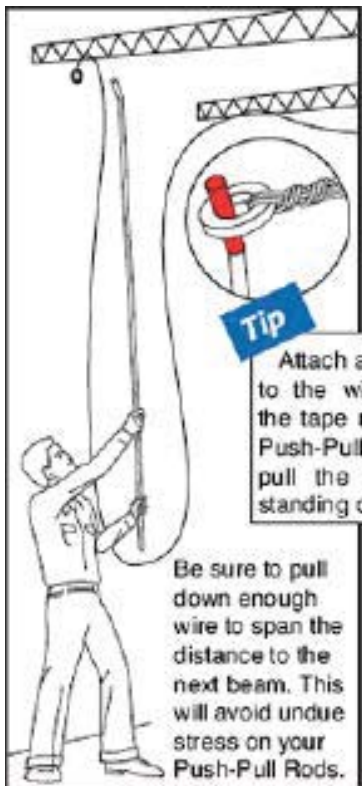
Unit:mm

inPPR Series

Push Pull Rods

The **Remote Alert** Push Pull Rods are handy, lightweight, flexible & STURDY! Use our Push-Pull Rods to get wire and cable into those "impossible" places quickly and easily! Ideal for pushing and pulling wire and cables in false ceilings, under floor channels, crawl spaces, attics and many other areas. Connect as many rods together to attain the length required.

These Push-Pull Rods will save you a lot of time and money. Tape your wire on to the leading rod and push it to the desired location by adding additional rods (they just screw into each other) or you can tape the wire to the rod (or hook it) and pull the wire to you from a distant location.

Each rod is made of aluminum alloy, 27" long and 3/4" O.D. and weighs only 5 oz. These rods are available in non-coated or coated sets which feature a 1000 V.D.C. dielectric strength coating, which is both tough and durable.

Each set comes with one curved handle pole and a bright yellow storage bag. Get a set today and make your installations go quicker and easier.

	Model	PPR Series
Coating	Coated Rods-C	1000 V.D.C Dialetric Strength
Physical	Construction	Aluminum Alloy
	Dimensions	27"L x 3/4 OD
	Weight	5oz per rod
Ordering	inPPROD20-C	20 Coated Rods -45ft
	inPPROD10-C	10 Coated Rods - 22-1/2ft
	inPPROD5-C	5 Coated Rods -11-1/4ft
	inPPROD20-P	20 Non-Coated Rods - 45ft
	inPPROD10-P	10 Non-Coated Rods - 22-1/2ft
	inPPROD5-P	5 Non-Coated Rods - 11-1/4ft

Tip When possible, join your rods ahead of time in groups of 3. This will make the job go a lot faster!

Tip Attach a roll of tape to the wires. Catch the tape roll with the Push-Pull Rod and pull the wire while standing on the floor!

Be sure to pull down enough wire to span the distance to the next beam. This will avoid undue stress on your Push-Pull Rods.

To pull wire simply make a hook from a wire clothes hanger and tape it to the end of the lead rod. Hook on to the wires and pull them wherever they need to go!

Why use ladders and scaffolding to pull wires over exposed beams? Do it quickly and easily from the floor!

To push wire simply tape the wires to the end of the lead rod. Now push the wires to your desired location!
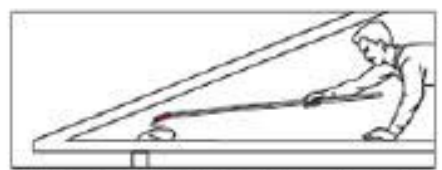
Security installation! Push-Pull Rods are a real time saver when you need to pull those wires around the perimeter of a house or building!

Remote Alert reserves the right to amend specifications and design without prior notice