

CCTV SURVEILLANCE EQUIPMENT



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CCTV SURVEILLANCE EQUIPMENT



Now you can see!

CATALOGUE 2010

COMPANY PROFILE

All the benefits of BRAND NAME with China OEM prices

Provision-ISR is a CCTV camera manufacturer who operates in 2 main centers.

The First center is our Headquarter in Israel which includes the company management; our Israeli veteran salesman with a long experience in the CCTV filed, our engineers and our technical support team.

The second center is in Shenzhen china which includes both camera factory and administrative office which manages shipping issues and sourcing for all other complimentary product.

As a company based in the West, we have a deep understanding of customer's needs and aim to provide the highest level of customer's service.

Why chose PROVISION-ISR?

1. We sell PROVISION-ISR brand only

By doing so we are committed to ensure our reputation of high quality products.

Our distributors all over the world report repeated and growing demand to the Brand itself.

2. 2 years warranty

Due to our confidence in our products and the record of less then 1% damage, we provide 2 years warranty on all products.

3. High Quality and competitive Prices

Bringing together the best of East and West.

East: To make our products available to you at competitive prices, we take care of volume manufacturing in our mainland China factory.

West: our knowledge of the security field ensure high standard of production.

4. Creative sales agents

All of our sales agents are fluent in the language of CCTV and security for many years and are here to create a secure deal and establish confidence and creative business relations with you.

5. After sales service

-RMA (return to factory service)

-Technical support from an Israelis engineers team

-Marketing materials

-In-house graphic designer to meet your needs.

- Participating in worldwide exhibitions

(Assist you to promote your business).

-And more...

PROVISION **ISR**

Now see!

you can



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Accesories



Box Camera

BX-325CS
BX-425CS



Features

- ▶ Built in Mini microphone
- ▶ Back light compensation
- ▶ Auto White balance
- ▶ Support DC/VIDEO Auto iris Lens



Specifications

MODEL	BX-325CS	BX-425CS
Image Sensor	1/3" SONY Super HAD	1/4" SONY Super HAD
DSP System	SONY DSP Chipset	
TV System	PAL/NTSC	
Effective Pixels	PAL:537 (H) x597 (V) NTSC:537 (H) x505 (V)	
Horizontal Resolution	420TVL	
Minimum Illumination	0.5 LUX/F1.2	
S/N Ratio	48db(AGC OFF)	
Video Output	Composite 1.0Vp-p at 75ohm	
White Balance	AWB ON (ATW OFF PUSH) Switchable	
Electronic Shutter	1/50 ~ 1/120000sec	
Gamma correction	0.45	
Sync System	Internal	
Auto Iris Control	Video/DC Switchable	
Lens	C/CS	
Power Supply	DC12V ± 1V/180mA	
Operation Temperature	-10°C ~ +50°C	
Dimension	110L x 60W x 55H mm	
Net Weight	330g	

Optional Cases

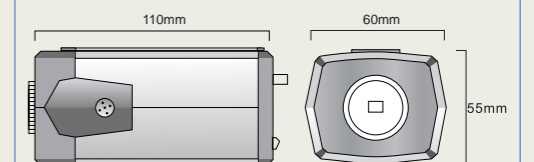


For more information about cases, refer to page 8

Rear view Case D



Case D



Professional Box Camera

BX-352CS
BX-322CS



Features

- Day & Night Function
- Buid in Mini microphone
- Back light compensation
- Auto White balance
- Support DC/VIDEO Auto iris Lens



Specifications

MODEL	BX-352CS	BX-322CS
Image Sensor	1/3" SONY Super HAD	
DSP System	SONY HQ1	SONY DSP Chipset
TV System	PAL/NTSC	
Effective Pixels	PAL:795(H)x596(V) NTSC:811(H)x508(V)	PAL:537(H)x597(V) NTSC:537(H)x505(V)
Horizontal Resolution	540TVL	420TVL
Minimum Illumination	0.02 LUX/F1.2	0.05 LUX/F1.2
S/N Ratio	48db(AGC OFF)	
Video Output	Composite 1 0Vp-p at 75ohm	
White Balance	AWB	
Electronic Shutter	1/50 ~ 1/120000sec	
Gamma correction	0.45	
Sync System	Internal	
Auto Iris Control	Video/DC Switchable	
Lens	C/CS	
Power Supply	DC 12V or DC12V/AC24V Dual Voltage (Opcional)	
Operation Temperature	10 C → - 50 C	
Dimension	105L x 66W x 52H mm	
Net Weight	320g	

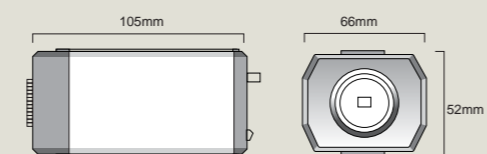
Optional Cases



For more information about cases, refer to page 8

Rear view
Case H

Case H



Vari-Focal OSD Box Camera

BX-322CSVF
BX-332CSVF



Features

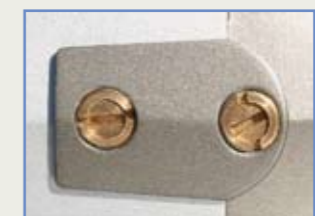
- OSD Menu control: Shutter Speed, White Balance, BLC, AGC, Color / B&W, Privacy Zone, Masking, Mirror.
- Built In 3.5-8mm manual Vari-Focal lens
- Lens adjustable external
- 1/3" Sony Super HAD CCD



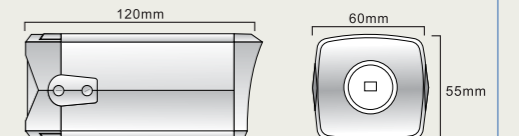
Specifications

MODEL	BX-332CSVF	BX-322CSVF
Image Sensor	1/3" SONY Super HAD CCD	
DSP System	SONY DSP Chipset	PROVISION DSP Chipset
TV System	PAL/NTSC	
Effective Pixels	PAL:795H x 597V NTSC:811H x 509V	PAL:537(H)x597(V) NTSC:537(H)x505(V)
Horizontal Resolution	480TVL	420TVL
Minimum Illumination	0.1 LUX/F2.0	0.05 LUX/F2.0
S/N Ratio	48db(AGC OFF)	
Video Output	Composite 1 0Vp-p at 75ohm	
White Balance	AWB / ATW / USRS	
Electronic Shutter	1/50 ~ 1/100000sec	
Gamma correction	0.45	
Sync System	Internal	
Control Method	On screen Menu control (OSD)	
Lens	3.5-8mm Vari-Focal	
Power Supply	DC12V ± 1V/150mA	
Operation Temperature	- 10°C → - 50°C	
Dimension	120L x 60W x 55H mm	
Net Weight	400g	

Rear view



3.5~8mm Vari-Focal Lens



Zoom Camera

BZ-422CS



Features

- 22X Optical Zoom
- High resolution and high sensitivity
- On screen Menu Control (OSD)
- Installing in speed dome
- Power on memory function



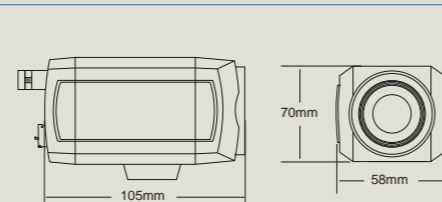
Specifications

MODEL	BZ-432CS
Image Sensor	1/4" SONYCCD
DSP System	SONY DSP Chipset
TV System	PAL/NTSC
Effective Pixels	PAL:537(H)×597(V) / NTSC:537(H)×505(V)
Horizontal Resolution	420TVL
Minimum Illumination	0.05 LUX/F1.2
S/N Ratio	More than 52dB
Video Output	Composite 1.0Vp-p at 75ohm
White Balance	Auto
Electronic Shutter	1/50 ~ 1/100000sec
White Balance	Auto
OSD	English
Focusing System	High speed digital focus
Lens	22X 4-88mm
Power Supply	DC 12V/750mA
Operation Temperature	10 C → -50 C
Dimension	105L x 58W x 70H mm
Net Weight	360g

Rear view



ZOOM X22



"Star Light" Camera

BX-351CS



Features

- High Resolution 540 TV Lines
- Min.Illumination: 0.001Lux
- 32 times Sense UP
- Auto Gain Control Switchable
- Back Light Compensation Switchable



Specifications

MODEL	BX-351CS
Image Sensor	1/3" SONY Super HAD
DSP System	HITACHI DSP Chipset
TV System	PAL/NTSC
Effective Pixels	PAL:795(H)×596(V) / NTSC:811(H)×508(V)
Horizontal Resolution	540TVL High resolution.
Minimum Illumination	0.001 LUX/F1.2
S/N Ratio	48db(AGC OFF)
Video Output	Composite 1.0Vp-p at 75ohm
White Balance	AWB
Electronic Shutter	1/50 ~ 1/100000sec
Gamma correction	0.45
Sync.System	Internal
Auto Iris Control	Video/DC Switchable
Lens	C/CS
Power Supply	DC 12V or DC12V/AC24V Dual Voltage (Optional)
Operation Temperature	10 C → -55 C
Dimension	105L x 66W x 52H mm
Net Weight	320g

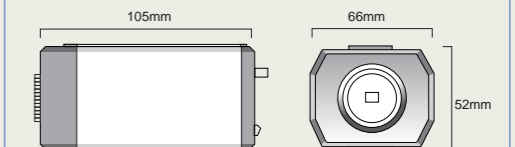
Rear view



Normal Camera



Starlight Camera



Wide Dinamic Range Box Camera

BX-361



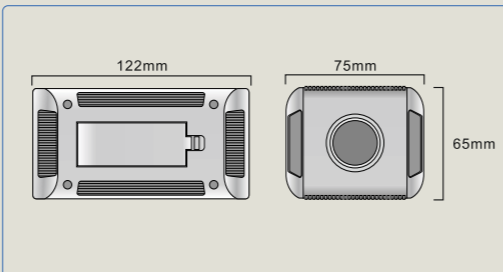
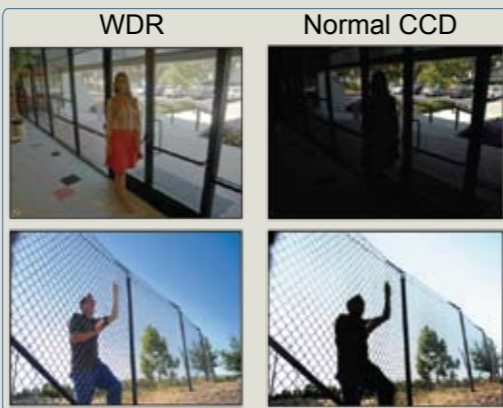
Features

- 1/3" Sony DS CCD
- WDR/BLC/ECLPS
- Ultra High Resolution 600TVL
- 3D-DNR
- 6X Digital Zoom
- 8 Zone Motion Decton
- Privacy Region Shielded
- O.S.D Menu
- HLC



Specifications

MODEL	BX-361
Image Sensor	1/3 inch Sony DS CCD
Effective Pixels	PAL: 752(H)×582(V) / NTSC: 768(H)×494(V)
Scanning System	2 : 1 Interlace
O.S.D	Available
Sync. System	Internal/Line lock
Horizontal Resolution	Color 600TVL
3D-DNR	Off/On(1~63 level adustable)
S/N(Y Singal)	52dB(AGC OFF)
Lens mount	C/CS
Minimum Illumination	Color: 0.003(0.6)Lux(Sens-up OFF)/B/W: 0.0001(0.1)Lux(Sens-up OFF)
Privacy zone	On/Off(8Zone)
Sens-up	Auto/Fixed/Off(selectable limit ×2~×512)
Motion Detection	On/Off(8Zone, Alarm output)
Dynamic Range	52dB(×128)
Digital Zoom	On(×6)/Off
Electronic Shutter Speed	NTSC:1/60sec-1/120,000sec PAL:1/50sec-1/120,000sec
Backlight Compensation	WDR/BLC/OFF selectable
Gain Control	Low/Middle/High/Off selectable
D/N Selection	Color/Black&White/Auto/Exit
STABILIZER	On / Off
Mirror(H-REV)	On / Off
FLIP(V-REV)	On / Off
White Balance	ATW/AWC/Manual/Outdoor/Indoor
Freeze	On / Off
SHARPNESS	On/Off(Level Adjustable)
Blemish compensation	256 Point(Even 128 point, ODD 128 point)
Iris Control	DC
Power	DC12±10% Max 2.0W
Weight	410g
Dimension	42(H)×42(V)×1.2(T)mm



Box Camera Cases

Rear view

Type H

- Elegant Design.
- Direct Power Socket.
- Internal Microphone.

Rear view

Type B

- Direct Power Socket.
- Internal Microphone.

Rear view

Type D

- Terminal Block Power Socket.
- Internal Microphone.

Rear view

Type BL

- Equiped with Built-in UTP Balun
- Extra Balun in the Package for Other Side
- Save 50% Cost, Save 40% Human Resources

Rear view

Type M

- Small Size



IR Day & Night Camera

I1-325CS
I1-328CP
I1-428CP

Features

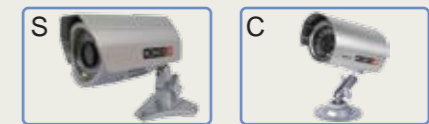
- Day & Night Function
- 12 IR Leds, Visible distance at 0 Lux dark (IR On) 10m
- Waterproof
- CDS Sensor Built-In
- Auto White Balance
- Indoor & Outdoor Applications
- Bracket including



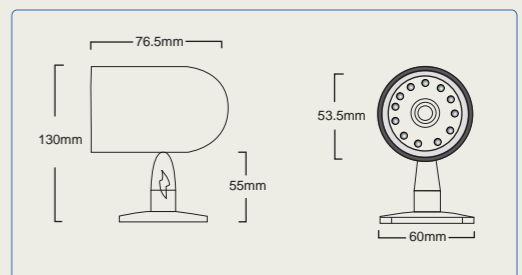
Specifications

MODEL	I1-325CS	I1-328CP	I1-428CP
Image Sensor	1/3" SONY Super HAD	1/3" SHARP CCD	1/4" SHARP CCD
DSP System	SONY DSP Chipset	SHARP DSP Chipset	
TV System	PAL/NTSC		
Effective Pixels	PAL:537(H)×597(V) / NTSC:537(H)×505(V)		
Horizontal Resolution	420TVL		
Minimum Illumination	0.5 Lux (0 Lux IR On)	0.8 Lux (0 Lux IR On)	
S/N Ratio	48db(AGC OFF)		
Video Output	Composite 1 0Vp-p at 75ohm		
White Balance	AWB		
AGC	Adjustable		
Backlight Compensation	Adjustable		
Electronic Shutter	1/50 ~ 1/120000sec		
Gamma correction	0.45		
Sync.System	Internal		
IR LED	12PSC		
Lens	3.6/4/6mm		
IR View Distance	10m		
Power Supply	DC12V / 110mA		
Operation Temperature	10 C -- -50 C		
Dimension	76.5L x 60W x 53.5H mm		
Net Weight	460g		

Optional Cases



For more information about cases, refer to page 16



IR Day & Night Camera

I2-355CS
I2-325CS



Features

- For Day & Night conditions
- 36 IR Leds
- Visible distance at 0 Lux dark (IR On) 25m
- Waterproof
- Indoor & Outdoor Applications
- Prestigious Aluminum case
- Bracket including



Specifications

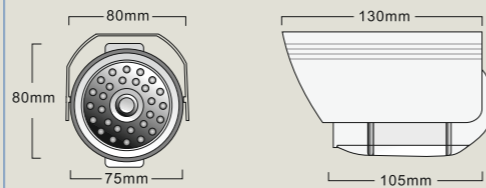
MODEL	I2-355CS	I2-325CS
Image Sensor	1/3" SONY Super HAD	
DSP System	SONY HQ1	SONY DSP Chipset
TV System	PAL/NTSC	
Effective Pixels	PAL:795(H)x596(V) NTSC:811(H)x508(V)	PAL:537(H)x597(V) NTSC:537(H)x505(V)
Horizontal Resolution	540TVL	420TVL
Minimum Illumination	0.5 Lux (0 Lux IR On)	
S/N Ratio	48db(AGC OFF)	
Video Output	Composite 1.0Vp-p at 75ohm	
White Balance	AWB	
AGC	Adjustable	
Backlight Compensation	Adjustable	
Electronic Shutter	1/50 ~ 1/1 000 000sec	
Gamma correction	0.45	
Sync.System	Internal	
IR LED	36PSC	
Lens	4mm/6mm	
IR View Distance	25m	
Power Supply	DC12V / 350mA	
Operation Temperature	10 C -- - 50 C	
Dimension	130L x 75W x 80H mm	
Net Weight	640g	

Optional Cases



For more information about cases, refer to page 16

Case U



Vari Focal IR Camera

I3-355CSVF
I3-325CSVF



Features

- Vari-focal 4-9mm Lens included
- 36 IR Leds, Visible distance at 0 Lux dark (IR On) 30m
- Anti-cutting cable bracket
- Waterproof
- CDS Sensor Built-In
- Indoor & Outdoor Application
- Friendly mechanism to adjust the lens



Specifications

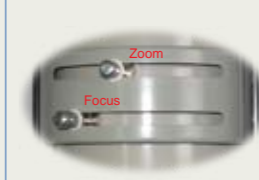
MODEL	I3-355CSVF	I3-325CSVF
Image Sensor	1/3" SONY Super HAD	
DSP System	SONY HQ1	SONY DSP Chipset
TV System	PAL/NTSC	
Effective Pixels	PAL:795(H)x596(V) NTSC:811(H)x508(V)	PAL:537(H)x597(V) NTSC:537(H)x505(V)
Horizontal Resolution	540TVL	420TVL
Minimum Illumination	0.5 Lux (0 Lux IR On)	
S/N Ratio	48db(AGC OFF)	
Video Output	Composite 1.0Vp-p at 75ohm	
White Balance	AWB	
AGC	Adjustable	
Backlight Compensation	Adjustable	
Electronic Shutter	1/50 ~ 1/120000sec	
Gamma correction	0.45	
Sync.System	Internal	
IR LED	36PSC	
Lens	4-9mm Vari-focal	
IR View Distance	30m	
Power Supply	DC12V / 110mA	
Operation Temperature	- 10°C -- - 50°C	
Dimension	220L x 100W x 90H mm	
Net Weight	960g	

Optional Cases



For more information about cases, refer to page 16

Case LG bottom View

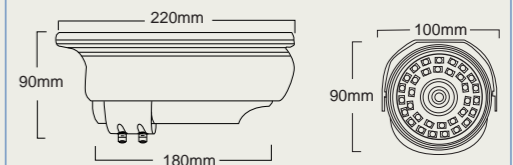


Case C Rear View



Vari-Focal Adjustment

Case LG



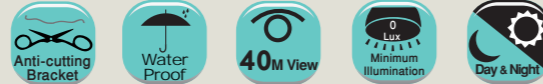
IR Day & Night Camera

I4-355CS
I4-325CS



Features

- ▶ For Day & Night conditions
- ▶ 64 IR Leds
- ▶ Visible distance at 0 Lux dark (IR On) 40m
- ▶ Waterproof
- ▶ Indoor & Outdoor Applications
- ▶ Prestigious case
- ▶ Anti-cutting cable bracket (Cases L and LI)

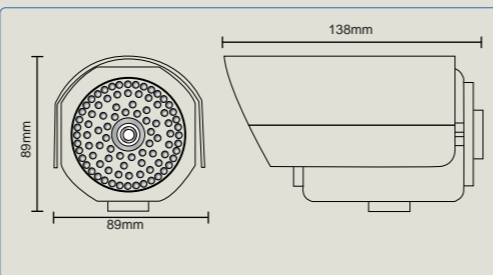


Specifications

MODEL	I4-355CS	I4-325CS
Image Sensor	1/3" SONY Super HAD	
DSP System	SONY HQ1	SONY DSP Chipset
TV System	PAL/NTSC	
Effective Pixels	PAL:795(H)x596(V) NTSC:811(H)x508(V)	PAL:537(H)x597(V) NTSC:537(H)x505(V)
Horizontal Resolution	540TVL	420TVL
Minimum Illumination	0.5 Lux (0 Lux IR On)	
S/N Ratio	48db(AGC OFF)	
Video Output	Composite 1.0Vp-p at 75ohm	
White Balance	AWB	
AGC	Adjustable	
Backlight Compensation	Adjustable	
Electronic Shutter	1/50 ~ 1/100000sec	
Gamma correction	0.45	
Sync.System	Internal	
IR LED	64PSC	
Lens	6mm/8mm/12mm	
IR View Distance	40m	
Power Supply	DC12V	
Operation Temperature	- 10°C ~ - 50°C	
Dimension	138L x 89W x 89H mm	
Net Weight	490g	



For more information about cases, refer to page 16



PIR Sensor Camera with IR Led's

IV-352CS
IV-322CS
IV-425CS

NEW



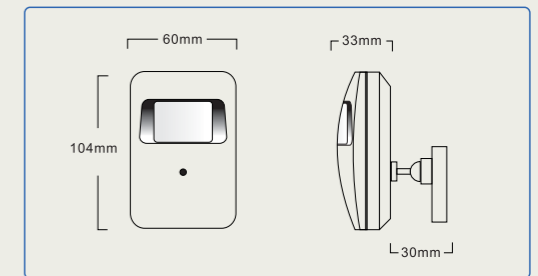
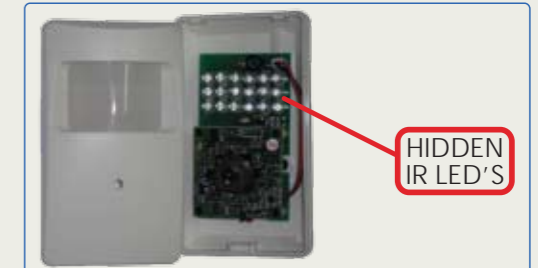
Features

- ▶ Built-in Hidden IR Leds
- ▶ 18 IR Leds
- ▶ Day & Night
- ▶ Miniature Hidden camera
- ▶ Built-in Pin-Hole Lens
- ▶ Compact size and beautiful design
- ▶ Auto White Balance



Specifications

MODEL	IV-352CS	IV-322CS	IV-425CS
Image Sensor	1/3" SONY Super HAD		1/4" SONY Super HAD
DSP System	SONY HQ1	SONY DSP Chipset	
TV System	PAL/NTSC		
Effective Pixels	PAL:795Hx596V NTSC:811Hx508V	PAL:537(H)x597(V) / NTSC:537(H)x505(V)	
Horizontal Resolution	540TVL	420TVL	
Minimum Illumination	0.5 LUX (0 Lux IR On)		
S/N Ratio	48db(AGC OFF)		
Video Output	Composite 1.0Vp-p at 75ohm		
White Balance	AWB		
Electronic Shutter	1/50 ~ 1/120000sec		
Gamma correction	0.45		
Sync.System	Internal		
Auto Iris Control	Video/DC Switchable		
Lens	3.7mm Pin-Hole		
Power Supply	DC12V / 350mA		
Operation Temperature	10 C ~ - 50 C		
Dimension	33L x 60W x 104H mm		
Net Weight	280g		



IR Led Illuminator

I4-L



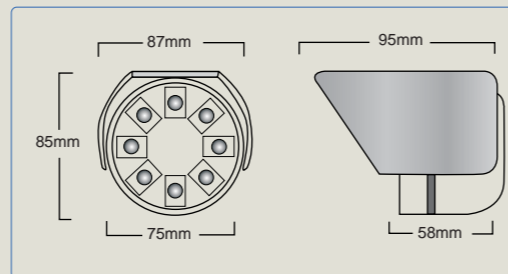
Features

- 6 Long Range IR Led
- Input voltage DC 12V
- IR Range 50m
- Waterproof
- Indoor & Outdoor Applications



Specifications

MODEL	I4-L
IR Led	6 Super Long Range IR Led
IR View Distance	50m
Power Supply	DC12V/500mA
Operation Temperature	-10°C - +50°C
Dimension	95L x 87W x 85H mm
Net Weight	450g



Professional IR Camera Cases

- 12 PCS Leds
- 10 mt IR View
- Lens options: 3.6/4/6mm



Type S

I1

- 12 PCS Leds
- 10 mt IR View
- Lens options: 3.6/4/6mm



Type C

- 36 PCS Leds
- 25 mt IR View
- Lens options: 4/6/8mm



Type U

I2

- 28 PCS Leds
- 20 mt IR View
- Lens options: 4/6/8mm



Type C

- 24 PCS Leds
- 20 mt IR View
- Lens options: 4/6/8mm



Type R

- 40 PCS Leds
- 30 mt IR View



Type LG

I3

- 36 PCS Leds
- 30 mt IR View



Type Y

- 64 PCS Leds
- 40 mt IR View
- Lens options: 6/8/12mm



Type L

I4

- 64 PCS Leds
- 40 mt IR View
- Lens options: 6/8/12mm



Type LI

- 64 PCS Leds
- 40 mt IR View
- Lens options: 6/8/12mm



Type C



Vandal Proof Dome Camera

DA-352CS
DA-322CS

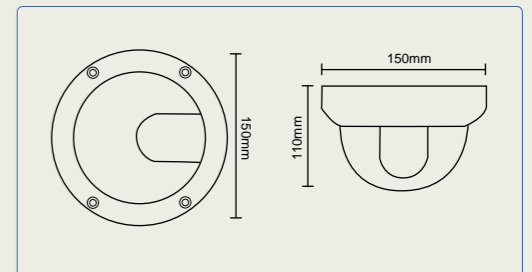
Features

- Strong metal Armor Housing
- Compact and beautiful design
- Easy lens changing
- 1/3" Sony Super HAD CCD
- Day & Night function
- Aluminum ring



Specifications

MODEL	DA-352CS	DA-322CS
Image Sensor	1/3" SONY Super HAD CCD	
DSP System	SONY HQ1	SONY DSP Chipset
TV System	PAL/NTSC	
Effective Pixels	PAL:795(H)×596(V) NTSC:811(H)×508(V)	PAL:537(H)×597(V) NTSC:537(H)×505(V)
Horizontal Resolution	540TVL	420TVL
Minimum Illumination	0.02 LUX/F2.0	0.05 LUX/F2.0
S/N Ratio	48db(AGC OFF)	
Video Output	Composite 1.0Vp-p at 75ohm	
White Balance	AWB / ATW	
Electronic Shutter	1/50 ~ 1/100000sec	
Gamma correction	0.45	
Sync.System	Internal	
Auto Iris Control	Video/DC Switchable	
Lens	4/6/8mm CS Mount	
Power Supply	DC12V ± 1V/150mA	
Operation Temperature	10 C → - 50 C	
Dimensions	150W x 110H mm	
Net Weight	1250g	



Wall Bracket
(Optional)



Dome Camera

DX-322CS
DX-425CS



Features

- ▶ Auto White Balance
- ▶ Compact and Beautiful Design
- ▶ 3.6mm Wide angle lens
- ▶ Indoor application



Specifications

MODEL	DX-322CS	DX-425CS
Image Sensor	1/3" SONY Super HAD CCD	1/4" SONY CCD
DSP System	SONY DSP Chipset	
TV System	PAL/NTSC	
Effective Pixels	PAL:537(H)×597(V) / NTSC:537(H)×505(V)	
Horizontal Resolution	420TVL	
Minimum Illumination	0.05 LUX/F1.2	0.5 LUX/F1.2
S/N Ratio	48db(AGC OFF)	
Video Output	Composite 1.0Vp-p at 75ohm	
White Balance	AWB ON (ATW OFF PUSH) Switchable	
Electronic Shutter	1/50 ~ 1/100000sec	
Gamma correction	0.45	
Sync.System	Internal	
Auto Iris Control	Video/DC Switchable	
Lens	3.6/4/6/8mm Board Lens	
Power Supply	DC12V ± 1V/180mA	
Operation Temperature	10 C → -50 C	
Dimension	84W x 53H mm	
Net Weight	280g	

Optional Cases



Available in
BLACK / WHITE

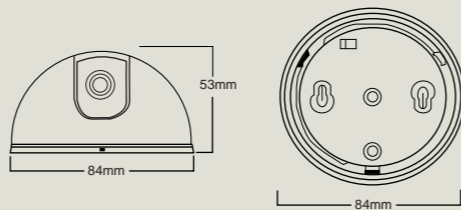


Available in
BLACK / WHITE / SILVER



Individual ceiling mount for fast and easy installation

Case BJ



High Resolution Dome Camera

DX-352CS



Features

- ▶ 3 AXIS
- ▶ Robust plastic housing
- ▶ Auto White Balance
- ▶ Compact and Beautiful Design
- ▶ Separated Ceiling Mount Mechanism



Specifications

MODEL	DX-352CS
Image Sensor	1/3" SONY Super HAD CCD
DSP System	SONY HQ1 DSP Chipset
TV System	PAL/NTSC
Effective Pixels	PAL:795(H)×596(V) / NTSC:811(H)×508(V)
Horizontal Resolution	540TVL
Minimum Illumination	0.02 LUX/F1.2
S/N Ratio	48db(AGC OFF)
Video Output	Composite 1.0Vp-p at 75ohm
White Balance	AWB ON (ATW OFF PUSH) Switchable
Electronic Shutter	1/50 ~ 1/100000sec
Gamma correction	0.45
Sync.System	Internal
Auto Iris Control	Video/DC Switchable
Lens	3.6/4/6/8mm Board Lens
Power Supply	DC12V ± 1V/180mA
Operation Temperature	10 C → -50 C
Dimension	100W x 80H mm
Net Weight	280g

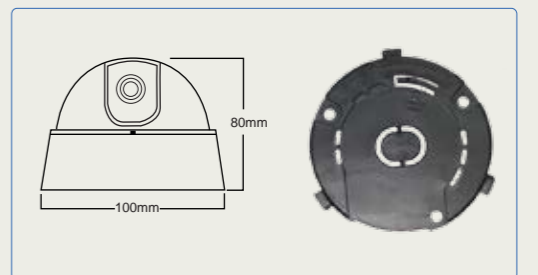
Optional Cases



SB



SW



Individual ceiling mount for fast and easy installation

Vari Focal Dome Camera

DX-352CSVF
DX-322CSVF



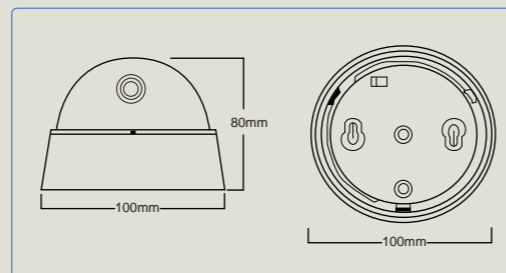
Features

- 3 AXIS
- Vari Focal 4-9mm lens included
- Robust plastic housing
- Auto White Balance
- Beautiful Design
- Separated Ceiling Mount Mechanism



Specifications

MODEL	DX-352CSVF	DX-322CSVF
Image Sensor	1/3" SONY Super HAD	
DSP System	SONY HQ1	SONY DSP Chipset
TV System	PAL/NTSC	
Effective Pixels	PAL:795(H)x596(V) NTSC:811(H)x508(V)	PAL:537(H)x597(V) NTSC:537(H)x505(V)
Horizontal Resolution	540TVL	420TVL
Minimum Illumination	0.02 LUX/F2.0	0.05 LUX/F2.0
S/N Ratio	48db(AGC OFF)	
Video Output	Composite 1 0Vp-p at 75ohm	
White Balance	Auto Tracking White Balance	
Electronic Shutter	1/50 ~ 1/120000sec	
Gamma correction	0.45	
Sync.System	Internal	
Auto Iris Control	Video/DC Switchable	
Lens	4-9mm Vari-focal Lens	
Power Supply	DC12V / 110mA	
Operation Temperature	10 C -- -50 C	
Dimension	100W x 80H mm	
Net Weight	280g	



Vari Focal IR Dome Camera

DI-355CSVF
DI-325CSVF



Features

- Vari Focal 4-9mm lens included
- Elegant metal case
- Double Glass+Hoop Unique Design
- 36 IR Leds
- Visible distance at "0" Lux dark (IR on) 25M
- Auto White Balance



Specifications

MODEL	DI-355CSVF	DI-325CSVF
Image Sensor	1/3" SONY Super HAD	
DSP System	SONY HQ1	SONY DSP Chipset
TV System	PAL/NTSC	
Effective Pixels	PAL:795(H)x596(V) NTSC:811(H)x508(V)	PAL:537(H)x597(V) NTSC:537(H)x505(V)
Horizontal Resolution	540TVL	420TVL
Minimum Illumination	0.5 LUX/F2.0 (0 Lux IR On)	
S/N Ratio	48db(AGC OFF)	
Video Output	Composite 1 0Vp-p at 75ohm	
White Balance	Auto Tracking White Balance	
AGC	Adjustable	
Backlight Compensation	Adjustable	
Electronic Shutter	1/50 ~ 1/120000sec	
Gamma correction	0.45	
Sync.System	Internal	
IR LED	36PSC	
Lens	4-9mm Vari-focal Lens	
IR View Distance	25m	
Power Supply	DC12V / 110mA	
Operation Temperature	10 C -- -50 C	
Dimension	94W x 69H mm	
Net Weight	300g	

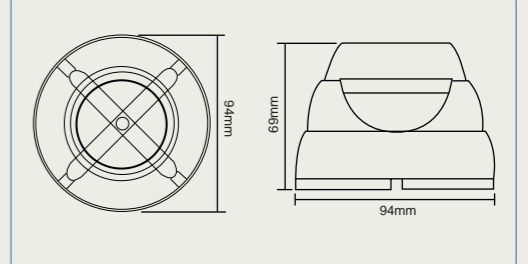
Optional Colors



Grey



Purple



Anti-Vandal Vari Focal IR Dome Camera

DI-355CSVF (N)
DI-325CSVF (N)



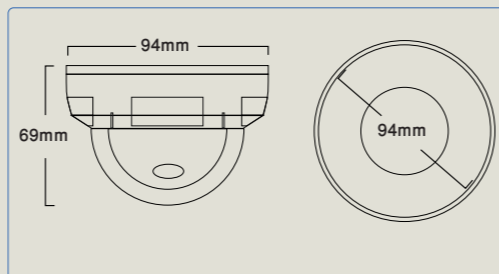
Features

- 3 Axis
- Vari Focal 4~9mm lens included
- Armored metal case
- 21 IR Leds
- Visible distance at "0" Lux dark (IR on) 15M
- Vandalproof
- Auto White Balance



Specifications

MODEL	DI-355CSVF	DI-325CSVF
Image Sensor	1/3" SONY Super HAD	
DSP System	SONY HQ1	SONY DSP Chipset
TV System	PAL/NTSC	
Effective Pixels	PAL:795(H)x596(V) NTSC:811(H)x508(V)	PAL:537(H)x597(V) NTSC:537(H)x505(V)
Horizontal Resolution	540TVL	420TVL
Minimum Illumination	0.5 LUX/F2.0 (0 Lux IR On)	
S/N Ratio	48db(AGC OFF)	
Video Output	Composite 1.0Vp-p at 75ohm	
White Balance	Auto Tracking White Balance	
AGC	Adjustable	
Backlight Compensation	Adjustable	
Electronic Shutter	1/50 ~ 1/120000sec	
Gamma correction	0.45	
Sync.System	Internal	
IR LED	21PSC	
Lens	4-9mm Vari-focal Lens	
IR View Distance	15m	
Power Supply	DC12V / 110mA	
Operation Temperature	10 C ~ -50 C	
Dimension	94W x 69H mm	
Net Weight	300g	



IR Dome Camera

DI-355CS36(FL)
DI-325CS36(FL)



Features

- Elegant metal case
- 24 IR Leds, Led spectrum: 850nm
- Visible distance at "0" Lux dark (IR on) 20M
- Waterproof
- CDS Sensor Built-In
- Auto White Balance



Specifications

MODEL	DI-355CS(FL)	DI-325CS(FL)
Image Sensor	1/3" SONY Super HAD	
DSP System	SONY HQ1	SONY DSP Chipset
TV System	PAL/NTSC	
Effective Pixels	PAL:795(H)x596(V) NTSC:811(H)x508(V)	PAL:537(H)x597(V) NTSC:537(H)x505(V)
Horizontal Resolution	540TVL	420TVL
Minimum Illumination	0.5 LUX/F2.0 (0 Lux IR On)	
S/N Ratio	48db(AGC OFF)	
Video Output	Composite 1.0Vp-p at 75ohm	
White Balance	AWB	
AGC	Adjustable	
Backlight Compensation	Adjustable	
Electronic Shutter	1/50 ~ 1/120000sec	
Gamma correction	0.45	
Sync.System	Internal	
IR LED	24PSC	
Lens	3.6/4/6mm Board Lens	
IR View Distance	20m	
Power Supply	DC12V / 110mA	
Operation Temperature	10 C ~ -50 C	
Dimension	94W x 69H mm	
Net Weight	300g	

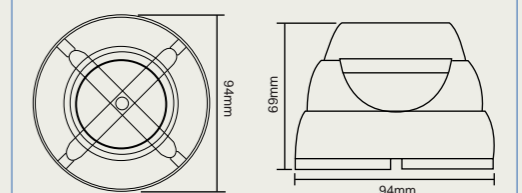
Optional Colors



Black



Grey



IR Dome Camera

DI-355CS(P)
DI-325CS(P)



Features

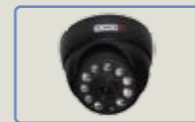
- For Day & Night conditions
- External IR Leds design to prevent heating
- Visible distance at dark 15M
- External lens to get optimal image at dark
- Plastic case
- Auto White Balance
- Easy installation mechanism



Specifications

MODEL	DI-355CS(P)	DI-325CS(P)
Image Sensor	1/3" SONY Super HAD	
DSP System	SONY HQ1	SONY DSP Chipset
TV System	PAL/NTSC	
Effective Pixels	PAL:795(H)x596(V) NTSC:811(H)x508(V)	PAL:537(H)x597(V) NTSC:537(H)x505(V)
Horizontal Resolution	540TVL	420TVL
Minimum Illumination	0.5 LUX/F2.0 (0 Lux IR On)	
S/N Ratio	48db(AGC OFF)	
Video Output	Composite 1.0Vp-p at 75ohm	
White Balance	Auto Tracking White Balance	
AGC	Adjustable	
Backlight Compensation	Adjustable	
Electronic Shutter	1/50 ~ 1/120000sec	
Gamma correction	0.45	
Sync.System	Internal	
IR LED	10 Big Leds	
Lens	3.6/4/6mm Board Lens	
IR View Distance	15m	
Power Supply	DC12V / 110mA	
Operation Temperature	10 C - -50 C	
Dimension	100W x 65H mm	
Net Weight	150g	

Optional Colors



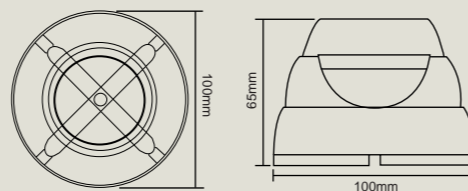
Black



Off-white



Round design for all directions movement



IR Corner Mount Camera

CM-325CS



Features

- Corner mount camera
- For Day & Night conditions
- 12 IR Leds, CDS Sensor Built-In
- Visible distance at dark 10M
- Tamperproof screws
- For public areas



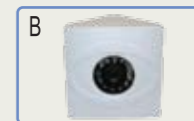
Specifications

MODEL	CM-325CS
Image Sensor	1/3" SONY Super HAD CCD
DSP System	SONY DSP chipset
TV System	PAL/NTSC
Effective Pixels	PAL:537(H)x597(V) / NTSC:537(H)x505(V)
Horizontal Resolution	420TVL
Minimum Illumination	0Lux (IR ON)
S/N Ratio	48db(AGC OFF)
Video Output	Composite 1.0Vp-p at 75ohm
White Balance	AWB
AGC	Adjustable
Backlight Compensation	Adjustable
Electronic Shutter	1/50 ~ 1/120000sec
Gamma correction	0.45
Sync.System	Internal
IR LED	12 PSC
Lens	3.6/4/6mm Board Lens
IR View Distance	15M
Power Supply	DC12V ± 1V/110mA
Operation Temperature	10 C - +50 C
Dimension	55W x 85H x 85L
Net Weight	130g

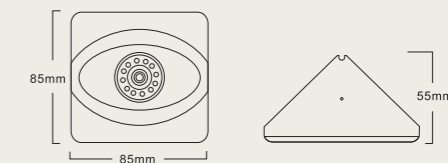
Cases



A



B





Bullet Camera

MP-325CS(PH)

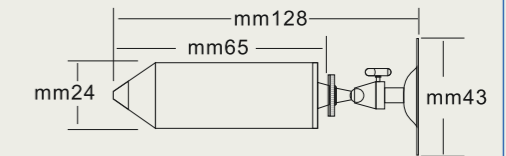
Features

- Built-in Pin Hole Lens
- Compact size and beautiful design
- Auto White Balance
- Easy installation



Specifications

MODEL	MP-325CS(PH)
Image Sensor	1/3" SONY Super HAD CCD
DSP System	SONY DSP Chipset
TV System	PAL/NTSC
Effective Pixels	PAL:537(H)×597(V) / NTSC:537(H)×505(V)
Horizontal Resolution	420TVL
Minimum Illumination	0.5 LUX/F1.2
S/N Ratio	48db(AGC OFF)
Video Output	Composite 1 0Vp-p at 75ohm
White Balance	AWB
Electronic Shutter	1/50 ~ 1/120000sec
Gamma correction	0.45
Sync.System	Internal
Auto Iris Control	Video/DC Switchable
Lens	3.7/4.3mm Pin-Hole
Power Supply	DC12V ± 1V/180mA
Operation Temperature	10 C → - 50 C
Dimension	100L x 42W x 23H mm
Net Weight	135g



Spot Light Design Camera

DL-355CS **NEW 540TVL**
DL-325CS



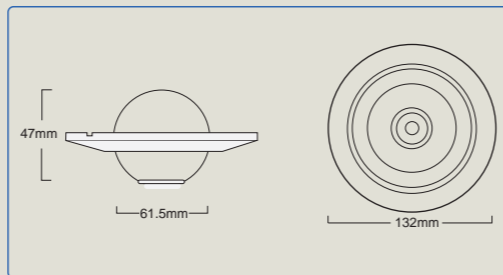
Features

- Spot Light Style Camera
- Elegant and Compact design
- Robust metal Armor Housing Aluminum ring
- Auto White Balance



Specifications

MODEL	DL-355CS	DL-325CS
Image Sensor	1/3" SONY Super HAD CCD	
DSP System	SONY HQ1	SONY DSP Chipset
TV System	PAL/NTSC	
Effective Pixels	PAL:795(H)x596(V) NTSC:811(H)x508(V)	PAL:537(H)x597(V) NTSC:537(H)x505(V)
Horizontal Resolution	540TVL	420TVL
Minimum Illumination	0.5 LUX/F1.2	
S/N Ratio	48db(AGC OFF)	
Video Output	Composite 1 0Vp-p at 75ohm	
White Balance	AWB	
Electronic Shutter	1/50 ~ 1/120000sec	
Gamma correction	0.45	
Sync.System	Internal	
Auto Iris Control	Video/DC Switchable	
Lens	3.6/4/6/8mm Board Lens	
Power Supply	DC12V ± 1V/180mA	
Operation Temperature	10 C - - 50 C	
Dimension	132L x 61.5W x 47H mm	
Net Weight	610g	



Smoke Detector Design Camera

DS-355CS **NEW 540TVL**
DS-325CS
DS-425CS



Features

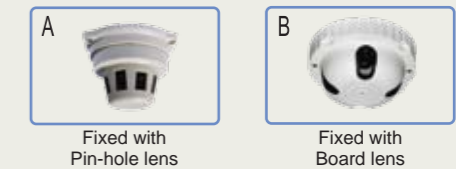
- Smoke Detector style Camera
- CCD Hidden Camera
- Compact and Beautiful Design
- Auto White Balance



Specifications

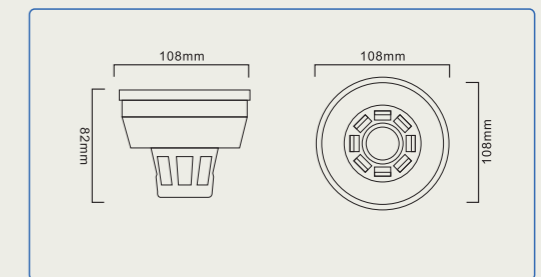
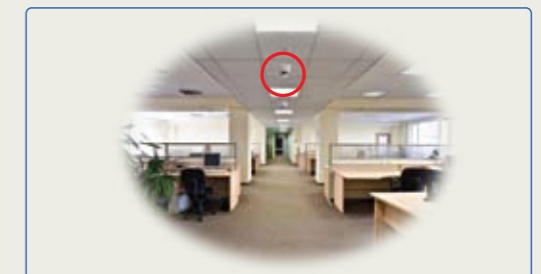
MODEL	DS-355CS	DS-325CS	DS-425CS
Image Sensor	1/3" SONY Super HAD CCD		1/4" SONY CCD
DSP System	SONY HQ1	SONY DSP chipset	
TV System	PAL/NTSC		
Effective Pixels	PAL:795Hx596V NTSC:811Hx508V	PAL:537(H)x597(V) NTSC:537(H)x505(V)	
Horizontal Resolution	540TVL	420TVL	
Minimum Illumination	0.02 LUX	0.05 LUX	0.5 LUX
S/N Ratio	48db(AGC OFF)		
Video Output	Composite 1 0Vp-p at 75ohm		
White Balance	AWB/ATW/USRS		
Electronic Shutter	1/50-1/10000sec		
Gamma correction	0.45		
Sync.System	Internal		
Lens	3.7/4.3mm Pinhole lens		
Power Supply	DC12V ± 1V/150mA		
Operation Temperature	10 C - + 50 C		
Dimension	108W x 82H		
Net Weight	170g		

Optional Cases



Fixed with Pin-hole lens

Fixed with Board lens



Network / Power Socket Design Hidden Camera MN-322CS



Features

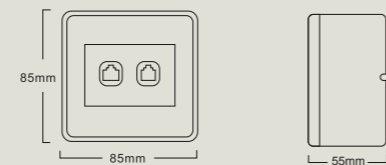
- Network socket Hidden camera
- Built-in Pin-Hole Lens
- Compact size and beautiful design
- Auto White Balance
- Easy installation



Specifications

MODEL	MN-322CS43
Image Sensor	1/3" SONY Super HAD CCD
DSP System	SONY DSP Chipset
TV System	PAL/NTSC
Effective Pixels	PAL:537(H)×597(V) / NTSC:537(H)×505(V)
Horizontal Resolution	420TVL
Minimum Illumination	0.1 LUX/F1.2
S/N Ratio	48db(AGC OFF)
Video Output	Composite 1 0Vp-p at 75ohm
White Balance	AWB
Electronic Shutter	1/50 ~ 1/120000sec
Gamma correction	0.45
Sync.System	Internal
Auto Iris Control	Video/DC Switchable
Lens	3.7/4.3mm Pin-Hole
Power Supply	DC12V ± 1V/180mA
Operation Temperature	10 C → - 50 C
Dimension	85L x 55W x 85H mm
Net Weight	100g

Optional Cases



Fire Sprinkler Design Camera MF-425CS



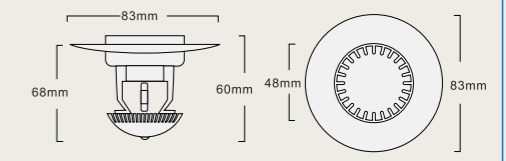
Features

- Miniature Hidden camera
- Built-in Pin-Hole Lens
- Bottom lens
- Compact size and beautiful design
- Auto White Balance
- Easy installation
- Innovative Design.



Specifications

MODEL	MF-425CS
Image Sensor	1/4" SONY CCD
DSP System	SONY DSP Chipset
TV System	PAL/NTSC
Effective Pixels	PAL:500H x 582V / NTSC:510H x 492V
Horizontal Resolution	420TVL
Minimum Illumination	0.5 LUX/F1.2
S/N Ratio	48db(AGC OFF)
Video Output	Composite 1 0Vp-p at 75ohm
White Balance	AWB
Electronic Shutter	1/50 ~ 1/120000sec
Gamma correction	0.45
Sync.System	Internal
Auto Iris Control	Video/DC Switchable
Lens	3.7/4.3mm
Power Supply	DC12V ± 1V/180mA
Operation Temperature	10 C → - 50 C
Dimension	83L x 62W x 68H mm
Net Weight	90g



PIR Sensor Design Camera

MV-352CS **NEW 540TVL**
 MV-322CS
 MV-425CS

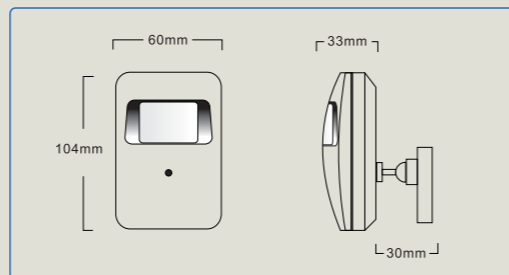
Features

- Miniature Hidden camera
- Built-in Pin-Hole Lens
- Flickering red light, for more authentic look
- Compact size and beautiful design
- Auto White Balance



Specifications

MODEL	MV-352CS	MV-322CS	MV-425CS
Image Sensor	1/3" SONY Super HAD		1/4" SONY Super HAD
DSP System	SONY HQ1	SONY DSP Chipset	
TV System	PAL/NTSC		
Effective Pixels	PAL:795Hx596V NTSC:811Hx508V	PAL:537(H)×597(V) / NTSC:537(H)×505(V)	
Horizontal Resolution	540TVL	420TVL	
Minimum Illumination	0.05 LUX/F1.2	0.1 LUX/F1.2	0.5 Lux / F1.2
S/N Ratio	48db(AGC OFF)		
Video Output	Composite 1 0Vp-p at 75ohm		
White Balance	AWB		
Electronic Shutter	1/50 ~ 1/120000sec		
Gamma correction	0.45		
Sync.System	Internal		
Auto Iris Control	Video/DC Switchable		
Lens	3.7mm Pin-Hole		
Power Supply	DC12V ± 1V/180mA		
Operation Temperature	10 C - - 50 C		
Dimension	33L x 60W x 104H mm		
Net Weight	280g		

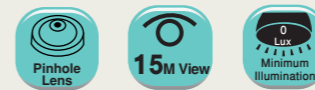


PIR Sensor Camera with IR Led's

IV-352CS
 IV-322CS **NEW**
 IV-425CS

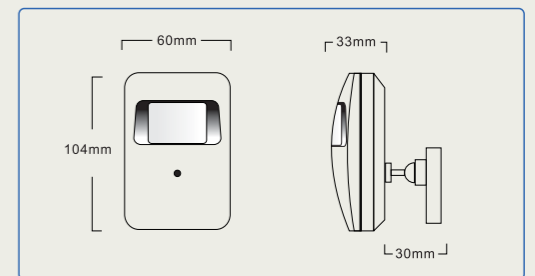
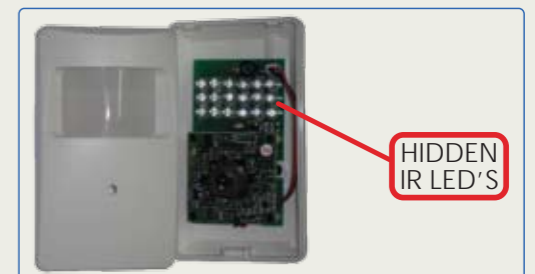
Features

- Built-in Hidden IR Leds
- 18 IR Leds
- Day & Night
- Miniature Hidden camera
- Built-in Pin-Hole Lens
- Compact size and beautiful design
- Auto White Balance



Specifications

MODEL	IV-352CS	IV-322CS	IV-425CS
Image Sensor	1/3" SONY Super HAD		1/4" SONY Super HAD
DSP System	SONY HQ1	SONY DSP Chipset	
TV System	PAL/NTSC		
Effective Pixels	PAL:795Hx596V NTSC:811Hx508V	PAL:537(H)×597(V) / NTSC:537(H)×505(V)	
Horizontal Resolution	540TVL	420TVL	
Minimum Illumination	0.5 LUX (0 Lux IR On)		
S/N Ratio	48db(AGC OFF)		
Video Output	Composite 1 0Vp-p at 75ohm		
White Balance	AWB		
Electronic Shutter	1/50 ~ 1/120000sec		
Gamma correction	0.45		
Sync.System	Internal		
Auto Iris Control	Video/DC Switchable		
Lens	3.7mm Pin-Hole		
Power Supply	DC12V / 350mA		
Operation Temperature	10 C - - 50 C		
Dimension	33L x 60W x 104H mm		
Net Weight	280g		

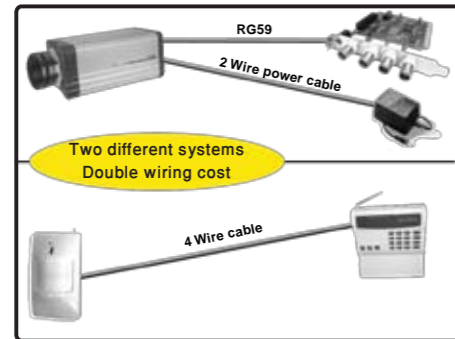


When PIR Detector Meet CCTV Camera

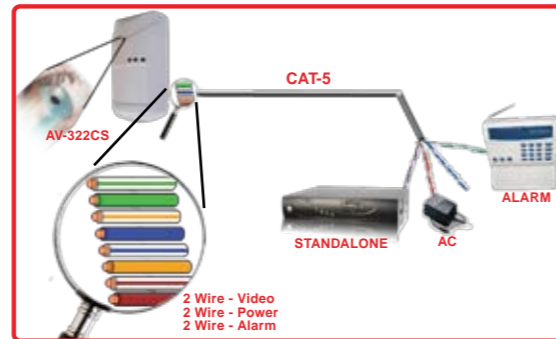
The New Generation is Here

Our latest PIR sensor with a built-in CCD camera

Combining two units into one, our latest PIR sensor comes with a built-in CCD camera equipped with an internal UTP balun. This ensures stable long distance video signals – a feature your customers will surely appreciate. And because it requires very little wiring and can be easily installed, your end-users will save on costs when compared with the average PIR detectors on the market.



OLD TECHNOLOGY



NEW TECHNOLOGY



Active PIR Detector with Camera AV-322CS

Alarm Specifications

Working Voltage	DC9 - 16V
Supply	≤ 30mA
Detecting range	12m * 12m
Warm uptime	≤ 60s
Detecting mode	Dopper + Power analysis
Sensor	Dual noise PIR
Microwave antenna	Plane antenna with high frequency oscillator or Ga As: FET
Microwave frequency	10.525GHz
Installation method	Wall mounted
Installation height	About 2.2m
Working temperature	-10°C ~ 50°C
LED indication	Green: Infrared / Yellow: Microwave / Red: Alarm
Terminal block	A LAM, GND, +12V, TAMPER
Relay output	N.C / N.O. optional, 28VDC, 80mA
Anti-tamper switch	N.C. without voltage output, 28VDC, 100mA



Camera Specifications

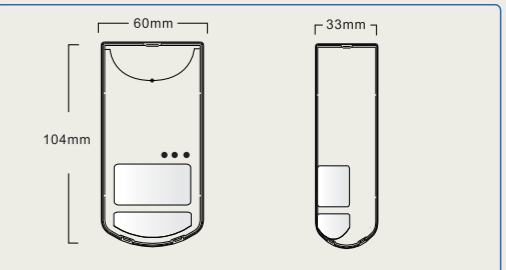
Image Sensor	1/3" SONY Super HAD CCD
DSP System	SONY DSP Chipset
TV System	PAL/NTSC
Effective Pixels	PAL:537(H)×597(V) / NTSC:537(H)×505(V)
Horizontal Resolution	420TVL
Minimum Illumination	0.1 LUX/F1.2
S/N Ratio	48db(AGC OFF)
Video Output	Composite 1.0Vp-p at 75ohm
White Balance	AWB
Electronic Shutter	1/50 ~ 1/120000sec
Gamma correction	0.45
Sync System	Internal
Auto Iris Control	Video/DC Switchable
Lens	3.7mm Pin-Hole
Power Supply	DC12V ± 1V/180mA
Operation Temperature	10°C ~ -50°C
Dimension	33L x 60W x 104H mm
Net Weight	280g

Features

- Mounted in a functional PIR motion detector housing.
- Miniature Hidden camera
- Built-in Pin-Hole Lens
- Equipped with a built in balun
- Compact size and beautiful design
- Auto White Balance

NEW

ACTIVE PIR
DETECTOR



Miniature Camera

MC-352CS **NEW 540TVL**

MC-322CS

MC-425CS

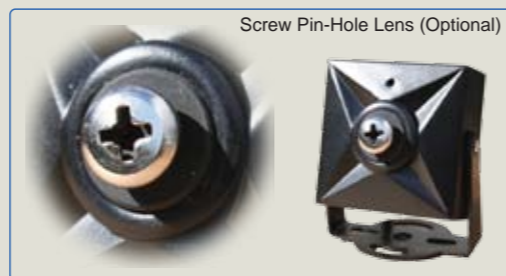
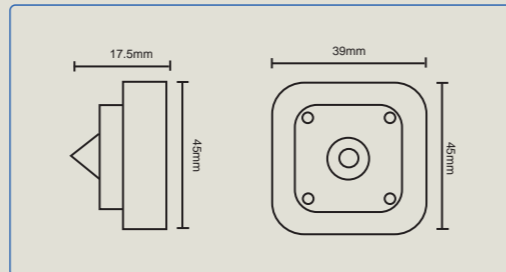
Features

- Miniature Hidden camera
- Built-in Pin-Hole Lens
- Compact size and beautiful design
- Auto White Balance
- Easy installation



Specifications

MODEL	MC-352CS	MC-322CS	MC-425CS
Image Sensor	1/3" SONY Super HAD		1/4" SONY Super HAD
DSP System	SONY HQ1	SONY DSP Chipset	
TV System	PAL/NTSC		
Effective Pixels	PAL:795Hx596V NTSC:811Hx508V	PAL:537(H)×597(V) / NTSC:537(H)×505(V)	
Horizontal Resolution	540TVL	420TVL	
Minimum Illumination	0.05 LUX/F1.2	0.1 LUX/F1.2	0.5 Lux / F1.2
S/N Ratio	48db(AGC OFF)		
Video Output	Composite 1 0Vp-p at 75ohm		
White Balance	AWB		
Electronic Shutter	1/50 ~ 1/120000sec		
Gamma correction	0.45		
Sync.System	Internal		
Auto Iris Control	Video/DC Switchable		
Lens	2.8/3.7mm Pin-Hole / 6mm Screw Lens		
Power Supply	DC12V ± 1V/180mA		
Operation Temperature	10 C → -50 C		
Dimension	39L x 17.5W x 45H mm		
Net Weight	75g		



Ocular Door Camera

MD-325CS **NEW**



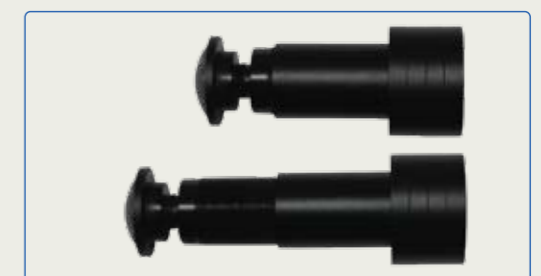
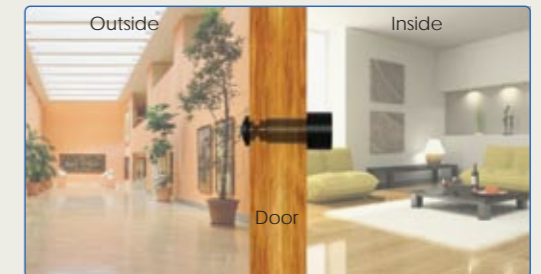
Features

- Miniature Hidden camera
- Mounts to the door through the ocular
- Glass Wide Angle Lens
- Auto White Balance
- Adjustable length according to the door thickness.



Specifications

MODEL	MD-325CS
Image Sensor	1/3" SONY Super HAD
DSP System	SONY DSP Chipset
TV System	PAL/NTSC
Effective Pixels	PAL:500(H)×582(V)
Horizontal Resolution	420TVL
Minimum Illumination	0.5 Lux / F1.2
S/N Ratio	50dB(AGC OFF)
Video Output	Composite 1 0Vp-p at 75ohm
White Balance	AWB
Electronic Shutter	1/50 1/60 ~ 1/100,000 Sec Automatic
Gamma correction	0.45
Sync.System	Internal Synchronization
Auto Iris Control	Video/DC Switchable
Lens	1.78mm Fix lens
Power Supply	DC12V / 100mA or less
Operation Temperature	-10°C ~ +50°C
Dimension	
Net Weight	100g



Adjustable length according to the door thickness.

Snake Camera

MW-325CS
MW-425CS



Features

- Miniature Hidden camera
- Allows to perform detailed visual inspection in hard to reach areas.
- Look Around Corners & Under Doors



Specifications

MODEL	MW-325CS	MW-425CS
Image Sensor	1/3" SONY Super HAD	1/4" SONY Super HAD
DSP System	SONY DSP Chipset	
TV System	PAL/NTSC	
Effective Pixels	PAL:500(H) x582(V) NTSC:510(H) x492(V)	
Horizontal Resolution	420TVL	
Minimum Illumination	0.01 LUX/F1.2	0.5 LUX/F1.2
S/N Ratio	48db(AGC OFF)	
Video Output	Composite 1.0Vp-p at 75ohm	
White Balance	AWB ON (ATW OFF PUSH) Switchable	
Electronic Shutter	1/50 ~ 1/100,000 Sec	
Gamma correction	0.45	
Sync.System	Internal	
Auto Iris Control	Video/DC Switchable	
Lens	3.7mm pin-hole lens	
Power Supply	DC12V / 100mA	
Operation Temperature	-10°C ~ +50°C	
Dimension	15 x 15 mm	12 x 12 mm
Net Weight		

Lens Type



Connectors



Mirror Design Hidden Camera

DM-323CS



Features

- Miniature Hidden camera
- Front cover can be seen through by camera but not human eye
- Mirror type outlook with camera embedded
- Adjustable view angle
- Innovative Design.



Specifications

MODEL	DM-323CS
Image Sensor	1/3" SONY Super HAD CCD
DSP System	SONY DSP Chipset
TV System	PAL/NTSC
Effective Pixels	PAL:537(H) x597(V) / NTSC:537(H) x505(V)
Horizontal Resolution	420TVL
Minimum Illumination	0.2 LUX/F1.2
S/N Ratio	48db(AGC OFF)
Video Output	Composite 1.0Vp-p at 75ohm
White Balance	Auto 2500-9500°K
Electronic Shutter	1/50 ~ 1/120000sec
Gamma correction	0.45
Sync.System	Internal
Auto Iris Control	Video/DC Switchable
Lens	3.6/4/6/8mm Board Lens
Power Supply	DC12V ± 1V/100mA
Operation Temperature	10°C ~ -50°C



The World of Single Board Camera



PAL: CCD-SONY 405AK
DSP-SONY 3142R
NTSC: CCD-SONY 404AK
DSP-SONY 3142R

Model:	CX-325CSA
Image device:	1/3" SONY CCD
Horizontal resolution:	420 TV Lines
TV System:	537Hx597V 320K pix. (PAL) 537Hx505V 270K pix. (NTSC)
Electronic Shutter:	1/50-1/120000 sec. (PAL) 1/60-120000 sec. (NTSC)
Minimum illumination:	0.5 lux / F1.2
S/N ratio:	>48dB(AGC off)
Gamma:	0.45
Lens:	3.6mm Board Lens
Video Output:	1Vp-p, 75-ohm, negative
Power:	DC 12V
Dimension:	32mmx32mm / 1P
This board can be found in the following models:	I1-325CS, MC-322CS, MN-322CS, CM-325CS



PAL: CCD-SONY 227
DSP-SONY 3142
NTSC: CCD-SONY 226
DSP-SONY 3142

Model:	CX-425CSB
Image device:	1/4" SONY CCD
Horizontal resolution:	420 TV Lines
TV System:	537Hx597V 320K pix. (PAL) 537Hx505V 270K pix. (NTSC)
Electronic Shutter:	1/50-1/120000 sec. (PAL) 1/60-120000 sec. (NTSC)
Minimum illumination:	0.5 lux / F1.2
S/N ratio:	>48dB(AGC off)
Gamma:	0.45
Lens:	Board Lens Mount
Video Output:	1Vp-p, 75-ohm, negative
Power:	DC 12V / 110mA
Dimension:	38mmx38mm / 1P
This board can be found in the following models:	DS-425CS, DX-425CS, BX-425CS

NEW



PAL: CCD-SONY 633BK
DSP-SONY 3142R
NTSC: CCD-SONY 632BK
DSP-SONY 3142R

Model:	CX-325CSB
Image device:	1/3" SONY Super HAD CCD
Horizontal resolution:	420 TV Lines
TV System:	537Hx597V 320K pix. (PAL) 537Hx505V 270K pix. (NTSC)
Electronic Shutter:	1/50-1/120000 sec. (PAL) 1/60-120000 sec. (NTSC)
Minimum illumination:	0.3 lux / F1.2
S/N ratio:	>48dB(AGC off)
Gamma:	0.45
Lens:	3.6mm Board Lens
Video Output:	1Vp-p, 75-ohm, negative
Power:	DC 12V / 110mA
Dimension:	38mmx38mm / 1P
This board can be found in the following models:	I2-325CS, I3-325CS, I4-325CS, MV-322CS, BX-322CS, DX-322CS, DI-325(ALL), IV-322CS, DL-325CS, DS-325CS



Model:	CX-425CPA
Image device:	1/4" SHARP CCD
Horizontal resolution:	420 TV Lines
TV System:	542Hx582V 320K pix. (PAL) 512Hx492V 270K pix. (NTSC)
Electronic Shutter:	1/50-1/120000 sec. (PAL) 1/60-120000 sec. (NTSC)
Minimum illumination:	0.5 lux / F1.2
S/N ratio:	>48dB(AGC off)
Gamma:	0.45
Lens:	Board Lens Mount
Video Output:	1Vp-p, 75-ohm, negative
Power:	DC 12V
Dimension:	32mmx32mm / 1P
This board can be found in the following models:	MC-428CP, I1-428CP



PAL: CCD-SONY 639BK
DSP-SONY 3172R
NTSC: CCD-SONY 638BK
DSP-SONY 3172R

Model:	CX-352CSA
Image device:	1/3" SONY HQ1 CCD
Horizontal resolution:	540 TV Lines
TV System:	795Hx596V 470K pix. (PAL) 811Hx508V 410K pix. (NTSC)
Electronic Shutter:	1/50-1/120000 sec. (PAL) 1/60-120000 sec. (NTSC)
Minimum illumination:	0.1 lux / F1.2
S/N ratio:	>48dB(AGC off)
Gamma:	0.45
Lens:	3.6mm Board Lens
Video Output:	1Vp-p, 75-ohm, negative
Audio Output:	Off (On Option)
Power:	DC 12V / 130mA
Dimension:	38mmx38mm / 1P
This board can be found in the following models:	MC-352CS, MV-352CS, IV-352CS, DI-355CSVF



Model:	CX-425CPB
Image device:	1/4" SHARP CCD
Horizontal resolution:	420 TV Lines
TV System:	542Hx582V 320K pix. (PAL) 512Hx492V 270K pix. (NTSC)
Electronic Shutter:	1/50-1/120000 sec. (PAL) 1/60-120000 sec. (NTSC)
Minimum illumination:	0.5 lux / F1.2
S/N ratio:	>48dB(AGC off)
Gamma:	0.45
Lens:	Board Lens Mount
Video Output:	1Vp-p, 75-ohm, negative
Power:	DC 12V
Dimension:	38mmx38mm / 1P
This board can be found in the following models:	MV-428CP



PAL: CCD-SONY 639BK
DSP-SONY 3172R
NTSC: CCD-SONY 638BK
DSP-SONY 3172R

Model:	CX-352CSB
Image device:	1/3" SONY HQ1 CCD
Horizontal resolution:	540 TV Lines
TV System:	795Hx596V 470K pix. (PAL) 811Hx508V 410K pix. (NTSC)
Electronic Shutter:	1/50-1/120000 sec. (PAL) 1/60-120000 sec. (NTSC)
Minimum illumination:	0.1 lux / F1.2
S/N ratio:	>48dB(AGC off)
Gamma:	0.45
Lens:	3.6mm Board Lens
Video Output:	1Vp-p, 75-ohm, negative
Power:	DC 12V
Dimension:	38mmx38mm / 2P
This board can be found in the following models:	BX-352CS, DX-352CS, DA-352CS, I2-355CS, I3-355CS, I4-355CS, DI-355CS(FI), DI-355CS(P), DS-355CS



Model:	CX-425CPA
Image device:	1/3" SHARP CCD
Horizontal resolution:	420 TV Lines
TV System:	542Hx582V 320K pix. (PAL) 512Hx492V 270K pix. (NTSC)
Electronic Shutter:	1/50-1/120000 sec. (PAL) 1/60-120000 sec. (NTSC)
Minimum illumination:	0.5 lux / F1.2
S/N ratio:	>48dB(AGC off)
Gamma:	0.45
Lens:	Board Lens Mount
Video Output:	1Vp-p, 75-ohm, negative
Power:	DC 12V
Dimension:	32mmx32mm / 1P
This board can be found in the following models:	MC-328CP, MV-328CP, I1-328CP



PAL: CCD-SONY 643
DSP-SONY 3142
NTSC: CCD-SONY 642
DSP-SONY 3142

Model:	CX-425CSA
Image device:	1/4" SONY CCD
Horizontal resolution:	420 TV Lines
TV System:	537Hx597V 470K pix. (PAL) 537Hx505V 410K pix. (NTSC)
Electronic Shutter:	1/50-1/120000 sec. (PAL) 1/60-120000 sec. (NTSC)
Minimum illumination:	0.3 lux / F1.2
S/N ratio:	>48dB(AGC off)
Gamma:	0.45
Lens:	Board Lens Mount
Video Output:	1Vp-p, 75-ohm, negative
Audio Output:	Off (On Option)
Power:	DC 12V
Dimension:	32mmx32mm / 1P
This board can be found in the following models:	I1-425CS, MC-425CS



Professional Mini PTZ IR Dome Camera

Indoor application

PI-325CSVF

NEW Economy PTZ for small installations



Features

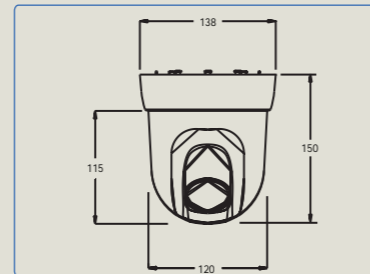
- Small PTZ camera up to 3X Zoom.
- Elegant and small case: -Ceiling mount
-IR Leds for night time
- Perfect for small shops, restaurants, houses.
- Remote control included for control and settings.

Mechanical Specifications

MODEL	PI-325CSVF
Dome Type:	5" Indoor 24IR PTZ dome
Effective Pixels:	PAL:500x582
Minimum Illumination:	0 Lux(IR LED active)
Protocol:	Pelco-P/D
Baudrate:	1200/2400/4800/9600 bps
Address:	0-255
Pan Rotation:	360°Continues rotation
Tilt Rotation:	0° -90°
Max Pan Speed:	60°/Sec
Max Tilt Speed:	30°/Sec
Preset speed:	60°/Sec
Preset accuracy:	±3°
Preset points:	32 Points
Pattern Tours:	Programable 16 preset point Programable preset number and dwell time / speed
Auto Scan:	Yes (Programable speed and left right limited point)
Power-off memory:	Current setting and state (Include Pattern, Not include auto scan)
Home position:	Yes (Programable auto come back home position)
Zoom:	Optical 3X (4-9mm)
IR Led:	24 IR Led
Protection:	Indoor use
Operating:	0°C - 60°C
Power:	12VDC 500mA

Camera Specifications

Image sensor	1/3" SONY
Horizontal Resolution	420 TVL
Effective Pixels	PAL: 500(H)×582(V) NTSC:510(H)×492(V)
Power supply voltage	12V DC, 80mA
TV system	PAL/NTSC
White Balance	Auto
Synchronous System	Internal
Minimum Illumination	0.5Lux /F1.2 (0 Lux IR On)
S/N Ratio	≥48db
Electronic Shutter	1/50(1/60)-1/100000 Sec
Video signal	1.0vp-p750hms.
Lens configuration	4-9/8-22mm
LED number	24 pcs (PTD-208)



Ceiling Mount



Professional Mini PTZ Dome Camera

Indoor/Outdoor application

PZ-325CSVF

NEW Economy PTZ for small installations



Features

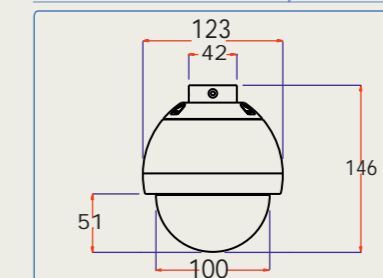
- Small PTZ camera up to 3X Zoom.
- Elegant and small case for Ceiling mount
- Perfect for small shops, restaurants, houses.
- Remote control included for control and settings.

Mechanical Specifications

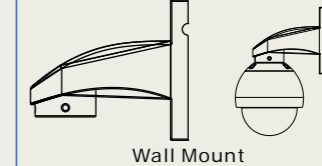
MODEL	PI-325CSVF
Dome Type:	4" Indoor 24IR PTZ dome
Effective Pixels:	PAL:500x582
Minimum Illumination:	0.01 Lux
Protocol:	Pelco-P/D
Baudrate:	1200/2400/4800/9600 bps
Address:	0-255
Pan Rotation:	360°Continues rotation
Tilt Rotation:	0° -90°
Max Pan Speed:	60°/Sec
Max Tilt Speed:	30°/Sec
Preset speed:	100°/Sec
Preset accuracy:	±3°
Preset points:	32 Points
Pattern Tours:	Programable 16 preset point Programable preset number and dwell time / speed
Auto Scan:	Yes (Programable speed and left right limited point)
Power-off memory:	Current setting and state (Include Pattern, Not include auto scan)
Home position:	Yes (Programable auto come back home position)
Zoom:	Optical 3X (4-9mm)
Communication:	RS485 (+/-)
Protection:	IP66 for outdoor use (Wall Mount)
Operating:	-5°C - 60°C
Power:	12VDC 500mA

Camera Specifications

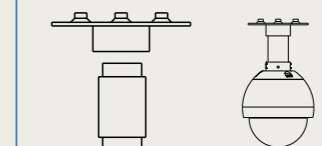
Image sensor	1/3" SONY
Horizontal Resolution	420 TVL
Effective Pixels	PAL: 500(H)×582(V) NTSC:510(H)×492(V)
Power supply voltage	12V DC, 80mA
TV system	PAL/NTSC
White Balance	Auto
Synchronous System	Internal
Minimum Illumination	0.5Lux /F1.2 (0 Lux IR On)
S/N Ratio	≥48db
Electronic Shutter	1/50(1/60)-1/100000 Sec
Video signal	1.0vp-p750hms.
Lens configuration	4-9mm



Accessories



Wall Mount



Ceiling Mount

Professional Speed Dome Camera

Platinum Series / Outdoor application

Features

- Heavy-duty aluminum housing for universal application
- Remote Updating the firmware and remote set dome address by RS 485 bus
- The dome can automatically identify camera module inside and its protocol
- Support Pleco C/D/P, Panasonic, DM, Kalatel, etc.
- Automatically identify Pelco D/P and PEARMAIN protocol
- According to application, with parts for alarm, vandal-proof housing, sun-shield available
- Timer clock function, to start the movement in the time table have set
- Tilt rang: 0-180° continuously, auto flip
- Panning speed of max.250°/sec at preset mode and 0.05°/sec super fine control at manual mode
- 20 User-Definable characters
- Limit setting, to set the pan or tilt movement in a scope.
- 4 alarm inputs and 2 outputs terminals
- On-screen display, including temperature, angle, direction, zoom, etc.
- 256 preset, 8 Cruise tour, 4 pattern tour, 1 Auto scan, 8 Privacy masking, etc. Available
- Password protection.
- North direction setup
- Built-in power-line surge protection and lighting protection



Case G

Camera Specification

Model	PZ-437CS18	PZ-432CS18	PZ-432CS26	PZ-432CS36	PZ-442CSA30	PZ-441CSA36
Camera module	SONY FCB-EX48C	SONY FCB-EX480C	SONY FCB-EX980S	SONY FCB-EX1010	SANYO VCC-MD600	SANYO VCC-MD800
Image sensor	1/4"Interline transfer CCD			1/4"SONY EXview HAD CCD		
Effective pixel	PAL: 752(H)x582(V), NTSC:768(H)x494(V)			PAL: 752(H)x582(V) NTSC:768(H)x494(V)		
Horizontal resolution	470TVL	470TVL/550TVL		520TVL		
Minimum illumination	0.7Lux	0.7Lux/0.05Lux	0.2Lux/0.05Lux	0.1Lux/0.01Lux	0.8Lux/0.04Lux	0.8Lux/0.0015Lux
S/N ratio	More than 50dB (AGC OFF)					
White balance	Automatic/manual					
Black light compensation	Automatic/manual					
Lens	f=4.1mm to 73.8mm F1.4 to F3.0	f=3.5mm to 91.0 mm F1.6 to F3.8	f=3.4mm to 122.4 mm F1.6 to F4.5	f=3.5mm to 105 mm F1.4 to F3.7	f=3.6mm to 122.4 mm F1.6 to F4.5	
Zoom ratio	Optical x18, digital x12	Optical x26, digital x12	Optical x36, digital x12	Optical x30, digital x16	Optical x36, digital x16	

Mechanical Specification		In general	
Address	0-255	Ingress Protection IP66	Yes
Pan range	360° Continue	Operating Temperature	-40°-70°
Tilt range	0°-90° Flip	Humidity	0%-90% (Non condensing)
Manual speed Pan	0.05-240°/Sec	Heater operate	(-5)° on +5° off
Manual speed Tilt	0.05-180°/Sec	Power	24VAC±25%,1.5A- 2A ,60Hz/50Hz
Preset speed	240°/Sec	Consumption	heater off 12W heater on 37W
Preset accuracy	±0.50°	communication	RS485 (+/-) or Manchester
Preset	256	Connection	BNC cable

Main functions			
Remote firmware updating and setup	to update firmware by RS485, to set ID by RS485	Total working time recording	to record total working time and time exceed limit
Cruise Tours	8 Programmable(Dwell time speed preset point)	Home position	Yes
Speed setup for cruise tour	Yes	Password protection	Yes
Pattern Tours	4 Programmable	Long-focus speed-limited	Yes
Auto Scan	1 Programmable (355° scan)	Broadcasting address	Yes
Alarm	Optional, 4 inputs, 2 outputs	Intelligent power-off memory current setting and state	Yes
Temperature setup and display	Temperature alarm & display on screen	anti-surge and anti-lightning protection	Yes
Time adjustment	to adjust Time by broadcasting	OSD menu operation	Yes
Date/Time setup and display	Date/time display on screen and modify	Supporting camera	Automatical identify (Sony,Hitach,Sanyo)
Timer Programming	timer action	Camera menu operation	Yes
Integrate multi-protocol	Pelco_D/P, PEARMAIN, Pelco C (optional)	Camera character programming	20 character
Protocol Automatical Identify	Pelco_D/P, PEARMAIN	Privacy masking	Yes, maximum 8 zones.

Professional Speed Dome Camera

Platinum Series / Indoor application

Features

- Remote updating the firmware, and remote set dome address by RS485 bus
- The dome can automatically identify camera module inside and its protocol
- Support Pleco C/D/P, AD, Panasonic, DM ,Kalatel, etc.
- Automatically identify Pelco D/P and PEARMAIN protocol
- According to application, with parts for alarm, sun-shield Available
- Timer clock function, to start the movement in the time table have set
- Tilt rang: 0-180° continuously, auto flip
- Panning speed of max.250°/sec at preset mode and 0.05°/sec super fine control at manual mode
- 20 User-Definable characters
- Limit setting, to set the pan or tilt movement in a scope
- 4 alarm inputs and 2 outputs terminals
- On-screen display, including temperature, angle, direction, zoom, etc.
- 256 preset, 8 Cruise tour, 4 pattern tour, 1 Auto scan, 8 Privacy masking, etc. Available
- Password protection
- North direction setup
- Built-in power-line surge protection and lighting protection



Case F

Camera Specification

Model	PZ-437CS18	PZ-432CS18	PZ-432CS26	PZ-432CS36	PZ-442CSA30	PZ-441CSA36
Camera module	SONY FCB-EX48C	SONY FCB-EX480C	SONY FCB-EX980S	SONY FCB-EX1010	SANYO VCC-MD600	SANYO VCC-MD800
Image sensor	1/4"Interline transfer CCD			1/4"SONY EXview HAD CCD		
Effective pixel	PAL: 752(H)x582(V), NTSC:768(H)x494(V)			PAL: 752(H)x582(V) NTSC:768(H)x494(V)		
Horizontal resolution	470TVL	470TVL/550TVL		520TVL		
Minimum illumination	0.7Lux	0.7Lux/0.05Lux	0.2Lux/0.05Lux	0.1Lux/0.01Lux	0.8Lux/0.04Lux	0.8Lux/0.0015Lux
S/N ratio	More than 50dB (AGC OFF)					
White balance	Automatic/manual					
Black light compensation	Automatic/manual					
Lens	f=4.1mm to 73.8mm F1.4 to F3.0	f=3.5mm to 91.0 mm F1.6 to F3.8	f=3.4mm to 122.4 mm F1.6 to F4.5	f=3.5mm to 105 mm F1.4 to F3.7	f=3.6mm to 122.4 mm F1.6 to F4.5	
Zoom ratio	Optical x18, digital x12	Optical x26, digital x12	Optical x36, digital x12	Optical x30, digital x16	Optical x36, digital x16	

Mechanical Specification		In general	
Address	0-255	Ingress Protection IP66	No
Pan range	360° Continue	Operating Temperature	0°-50°
Tilt range	0°-90° Flip	Humidity	0%-90% (Non condensing)
Manual speed Pan	0.05-240°/Sec	Heater operate	No
Manual speed Tilt	0.05-180°/Sec	Power	24VAC±25%,1.5A- 2A ,60Hz/50Hz
Preset speed	240°/Sec	Consumption	8W
Preset accuracy	±0.50°	communication	RS485 (+/-) or Manchester
Preset	256	Connection	BNC cable

Main functions			
Remote firmware updating and setup	to update firmware by RS485, to set ID by RS485	Total working time recording	to record total working time and time exceed limit
Cruise Tours	8 Programmable(Dwell time speed preset point)	Home position	Yes
Speed setup for cruise tour	Yes	Password protection	Yes
Pattern Tours	4 Programmable	Long-focus speed-limited	Yes
Auto Scan	1 Programmable (355° scan)	Broadcasting address	Yes
Alarm	Optional, 4 inputs, 2 outputs	Intelligent power-off memory current setting and state	Yes
Temperature setup and display	Temperature alarm & display on screen	Anti-surge and anti-lightning protection	Yes
Time adjustment	to adjust Time by broadcasting	OSD menu operation	Yes
Date/Time setup and display	Date/time display on screen and modify	Supporting camera	Automatical identify (Sony,Hitach,Sanyo)
Timer Programming	timer action	Camera menu operation	Yes
Integrate multi-protocol	Pelco_D/P, PEARMAIN, Pelco C (optional)	Camera character programming	20 character
Protocol Automatical Identify	Pelco_D/P, PEARMAIN	Privacy masking	Yes, maximum 8 zones.

Professional Speed Dome Camera

Platinum Series / Indoor surface application

Features

- Remote updating the firmware and remote set dome address by RS485 bus.
- The dome can automatically identify camera module inside and its protocol.
- Support Pelco C/D/P, Panasonic, DM, Kalatel, etc.
- Automatically identify Pelco D/P and PEARMAIN protocol.
- According to application, with parts for alarm, wand-proof housing, sun-shield available.
- Timer clock function, to start the movement in the time table have set.
- Tilt rang: 0-180° continuously, auto flip.
- Panning speed of max.250°/sec at preset mode and 0.05°/sec super fine control at manual mode
- 20 User-Definable characters.
- Limit setting, to set the pan or tilt movement in a scope.
- 4 alarm inputs and 2 outputs terminals.
- On-screen display, including temperature, angle, direction, zoom, etc.
- 256 preset, 8 Cruise tour, 4 pattern tour, 1 Auto scan, 8 Privacy masking, etc. Available.
- Password protection.
- North direction setup.
- Built-in power-line surge protection and lighting protection.



Case E SURFACE



Case D IN-CEILING

Camera Specification

Model	PZ-437CS18	PZ-432CS18	PZ-432CS26	PZ-432CS36	PZ-442CSA30	PZ-441CSA36
Camera module	SONY FCB-EX48C	SONY FCB-EX480C	SONY FCB-EX980S	SONY FCB-EX1010	SANYO VCC-MD600	SANYO VCC-MD800
Image sensor	1/4"Interline transfer CCD			1/4"SONY EXview HAD CCD		
Effective pixel	PAL: 752(H)x582(V), NTSC:768(H)x494(V)			PAL: 752(H)x582(V) NTSC:768(H)x494(V)		
Horizontal resolution	470TVL	470TVL/550TVL		520TVL		
Minimum illumination	0.7Lux	0.7Lux/0.05Lux	0.2Lux/0.05Lux	0.1Lux/0.01Lux	0.8Lux/0.04Lux	0.8Lux/0.0015Lux
S/N ratio	More than 50dB (AGC OFF)					
White balance	Automatic/manual					
Black light compensation	Automatic/manual					
Lens	f=4.1mm to 73.8mm F1.4 to F3.0	f=3.5mm to 91.0 mm F1.6 to F3.8	f=3.4mm to 122.4 mm F1.6 to F4.5	f=3.5mm to 105 mm F1.4 to F3.7	f=3.6mm to 122.4 mm F1.6 to F4.5	
Zoom ratio	Optical x18, digital x12	Optical x26, digital x12	Optical x36, digital x12	Optical x30, digital x16	Optical x36, digital x16	

Mechanical Specification		In general	
Address	0-255	Ingress Protection IP66	No
Pan range	360°Continue	Operating Temperature	0°-50°
Tilt range	0°-90° Flip	Humidity	0%-90% (Non condensing)
Manual speed Pan	0.05-240°/Sec	Heater operate	No
Manual speed Tilt	0.05-180°/Sec	Power	24VAC±25%,1.5A-- 2A ,60Hz/50Hz
Preset speed	240°/Sec	Consumption	8W
Preset accuracy	±0.50°	communication	RS485 (+/-) or Manchester
Preset	256	Connection	BNC cable

Main functions			
Remote firmware updating and setup	to update firmware by RS485, to set ID by RS485	Total working time recording	to record total working time and time exceed limit
Cruise Tours	8 Programmable(Dwell time speed preset point)	Home position	Yes
Speed setup for cruise tour	Yes	Password protection	Yes
Pattern Tours	4 Programmable	Long-focus speed-limited	Yes
Auto Scan	1 Programmable (355° scan)	Broadcasting address	Yes
Alarm	Optional, 4 inputs, 2 outputs	Intelligent power-off memory current setting and state	Yes
Temperature setup and display	Temperature alarm & display on screen	Anti-surge and anti-Lightning protection	Yes
Time adjustment	to adjust Time by broadcasting	OSD menu operation	Yes
Date/Time setup and display	Date/time display on screen and modify	Supporting camera	Automatical identify (Sony,Hitach,Sanyo)
Timer Programming	timer action	Camera menu operation	Yes
Integrate multi-protocol	Pelco_D/P, PEARMAIN, Pelco C (optional)	Camera character programming	20 character
Protocol Automaticall	Pelco_D/P, PEARMAIN	Privacy masking	Yes, maximum 8 zones.

Professional Speed Dome Camera

Gold Series

Indoor / Outdoor application

Features

- The dome can automatically identify camera module inside and its protocol
- Support Pelco D/P, Panasonic, DM, Kalatel, etc. Protocol
- Automatically identify Pelco D/P and PEARMAIN protocol
- Pan range: 0-360° continuously, Tilt rang: 0-180° continuously, auto flip
- Panning speed: 0.05° to 120°/sec, Tilt speed: 0.05° to 90°/sec
- 128 preset, 8 Cruise tour, 1 Auto scan
- Built-in power-line surge protection and lighting protection



Case H

Camera Specification

Model	PZ-437CS18	PZ-432CS18	PZ-432CS26	PZ-432CS36	PZ-442CSA30	PZ-441CSA36
Camera module	SONY FCB-EX48C	SONY FCB-EX480C	SONY FCB-EX980S	SONY FCB-EX1010	SANYO VCC-MD600	SANYO VCC-MD800
Image sensor	1/4"Interline transfer CCD			1/4"SONY EXview HAD CCD		
Effective pixel	PAL: 752(H)x582(V), NTSC:768(H)x494(V)			PAL: 752(H)x582(V) NTSC:768(H)x494(V)		
Horizontal resolution	470TVL	470TVL/550TVL		520TVL		
Minimum illumination	0.7Lux	0.7Lux/0.05Lux	0.2Lux/0.05Lux	0.1Lux/0.01Lux	0.8Lux/0.04Lux	0.8Lux/0.0015Lux
S/N ratio	More than 50dB (AGC OFF)					
White balance	Automatic/manual					
Black light compensation	Automatic/manual					
Lens	f=4.1mm to 73.8mm F1.4 to F3.0	f=3.5mm to 91.0 mm F1.6 to F3.8	f=3.4mm to 122.4 mm F1.6 to F4.5	f=3.5mm to 105 mm F1.4 to F3.7	f=3.6mm to 122.4 mm F1.6 to F4.5	
Zoom ratio	Optical x18, digital x12	Optical x26, digital x12	Optical x36, digital x12	Optical x30, digital x16	Optical x36, digital x16	

Mechanical Specification		In general	
Address	0-255	Ingress Protection IP66	Yes
Pan range	360°Continue	Operating Temperature	-40°-70°
Tilt range	0°-90° Flip	Humidity	0%-90% (Non condensing)
Manual speed Pan	0.05-240°/Sec	Heater operate	(-5)° On +5° Off
Manual speed Tilt	0.05-90°/Sec	Power	24VAC±25%,1.5A-- 2A ,60Hz/50Hz
Preset speed	180°/Sec	Consumption	Heater Off 12W/Heater On 37W
Preset accuracy	±0.50°	communication	RS485 (+/-)
Preset	12	Connection	BNC cable

Main functions	
Cruise Tours	8 Programmable (Dwell time speed preset point)
Auto Scan	1 Programmable (355° scan)
Integrate multi-protocol	Pelco D/P, PEARMAIN
Protocol automatically identify	Pelco D/P, PEARMAIN
Long-focus speed-limited	Yes
Broadcasting address	Yes
Intelligent power-off memory	Yes
Current setting and state	Yes
Anti-surge and anti-Lightning Protection	Yes
Supporting camera	Automatical identify (Sony, Hitachi, Sanyo)

Professional Speed Dome Camera

Silver Series

Indoor / Outdoor application



Case H

Features

- The dome can automatically identify camera module inside and its protocol
- Support Pelco D/P, Panasonic, DM, Kalatel, etc. Protocol
- Automatically identify Pelco D/P and PEARMAIN protocol
- Pan range: 0-360° continuously, Tilt rang: 0-180° continuously, auto flip
- Panning speed: 0.05° to 90°/sec, Tilt speed: 0.05° to 60°/sec
- 64 preset, 8 Cruise tour, 1 Auto scan
- Built-in power-line surge protection and lighting protection

Camera Specification

Model	PZ-437CS18	PZ-432CS18	PZ-432CS26	PZ-432CS36	PZ-442CSA30	PZ-441CSA36
Camera module	SONY FCB-EX48C	SONY FCB-EX480C	SONY FCB-EX980S	SONY FCB-EX1010	SANYO VCC-MD600	SANYO VCC-MD800
Image sensor	1/4"Interline transfer CCD			1/4"SONY EXview HAD CCD		
Effective pixel	PAL: 752(H)x582(V), NTSC:768(H)x494(V)			PAL: 752(H)x582(V) NTSC:768(H)x494(V)		
Horizontal resolution	470TVL	470TVL/550TVL		520TVL		
Minimum illumination	0.7Lux	0.7Lux/0.05Lux	0.2Lux/0.05Lux	0.1Lux/0.01Lux	0.8Lux/0.04Lux	0.8Lux/0.0015Lux
S/N ratio	More than 50dB (AGC OFF)					
White balance	Automatic/manual					
Black light compensation	Automatic/manual					
Lens	f=4.1mm to 73.8mm F1.4 to F3.0	f=3.5mm to 91.0 mm F1.6 to F3.8	f=3.4mm to 122.4 mm F1.6 to F4.5	f=3.5mm to 105 mm F1.4 to F3.7	f=3.6mm to 122.4 mm F1.6 to F4.5	
Zoom ratio	Optical x18, digital x12	Optical x26, digital x12	Optical x36, digital x12	Optical x30, digital x16	Optical x36, digital x16	

Mechanical Specification		In general	
Address	0~255	Ingress Protection IP66	Yes
Pan range	360°Continue	Operating Temperature	-40°~70°
Tilt range	0°~90° Flip	Humidity	0%~90% (Non condensing)
Manual speed Pan	0.05~90°/Sec	Heater operate	(-5)° On +5° Off
Manual speed Tilt	0.05~60°/Sec	Power	24VAC±25%,1.5A-- 2A, 60Hz/50Hz
Preset speed	120°/Sec	Consumption	Heater Off 12W/Heater On 37W
Preset accuracy	±0.50°	communication	RS485 (+/-)
Preset	64	Connection	BNC cable

Main functions	
Cruise Tours	4 Programmable (Dwell time speed preset point)
Auto Scan	1 Programmable (355° scan)
Integrate multi-protocol	Pelco D/P, PEARMAIN
Protocol automatically identify	Pelco D/P, PEARMAIN
Long-focus speed-limited	Yes
Broadcasting address	Yes
Intelligent power-off memory	Yes
Current setting and state	Yes
Anti-surge and anti-lightning Protection	Yes
Supporting camera	Automatically identify (Sony, Hitachi, Sanyo)

PTZ Cameras Accesories

Available Speed dome keyboard controller



MODEL	C01	C03
Speed dome controller	Speed dome controller	Speed dome controller
Pelco D/P available with 3-axis joystick	Pelco D/P available with 3-axis joystick and Screen	

Available parts and brackets



MODEL	A	B01	B02	B03
-Black cover to hide camera -USD 30 -Can not install inside of ceiling type dome.		Pendant mount bracket -PEBP1, 30cm -PEBP2, 50cm -PEBP3, 100cm	Wall mount bracket	Corner mount bracket



MODEL	B04	B05
Pole mount bracket	Big wall mount bracket 65°90°52cm 96°107°84cm	



Standalone

• Introduction

SA series are 4/8/16CH real time CIF network DVRs, offering outstanding cost efficiency with optimized configuration. They adopt standard H.264 baseline compression format and industry's advanced SOC technics, enhancing video quality and robustness of the system greatly. Supports 4/8/16CH video input, 4 audio input, and 4CH simultaneous playback



• Application



Hotel



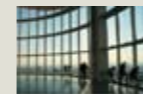
Gas Station



School



Retail



Building



Residential

• Characteristics

- 4/8/16CH real time recording. Standard H.264 baseline compression to provide high-quality video at much lower bite rate than MPEG4
- Intuitive and user-friendly Graphic User Interface(GUI), windows style operation by mouse
- Multi-mode recording: manual/timer/motion/sensor
- 4CH simultaneous playback.
- Express search by data/time and events(sensor, motion)
- Express and flexible backup by network, USB or DVD-RW(SATA)
- Pentaplex: preview, record, play back, back up and remote access
- DHCP, DDNS, PPPoE network protocol supported.
- Remote control via IE or CMS: preview, playback, backup, PTZ and configuration. Max.5 users online simultaneously.
- Dual stream technology to encode recording stream and network stream separately. User can adjust network stream to fit bandwidth, without changing recording quality
- Authorization management, log review and DVR status review
- VGA output to get clearer display using CRT or LCD monitor
- Support PTZ preset and auto cruise, up to 128 presets and 32 cruises
- Powerful smart phone surveillance supporting WinCE, Symbian, and Iphone. Compatible with 3G.
- Complete SDK function, easy to integrate with other applications.

Standalone

LIVE



Graphic Interface



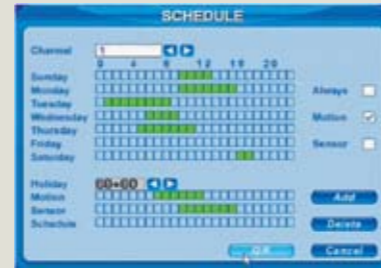
PTZ Control

- Embedded VGA output, crystal clear picture
- Channel name editable.
- Support channel security by hiding live video/ name.
- DATE / TIME setting and position on the screen
- Display the local record status and basic info
- PTZ Control by mouse/remote
- Support various PTZ Protocols,
- Sequence option per channels or per group of channels.
- Full screen option.

RECORD



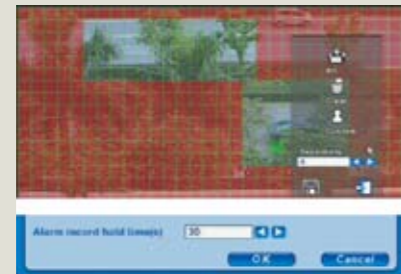
Record Configuration



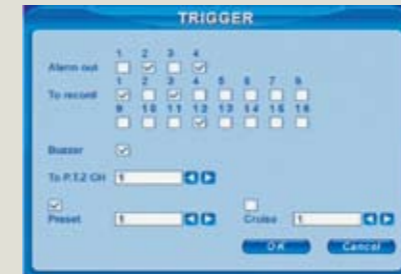
Schedule Setup

- Standard H.264 codec, low bit rate
- Resolution support CIF / D1
- Video quality setting for each channel different from the remote view.
- Selectable Frame rate for each channel.
- Audio recording
- Easy and graphical schedule setting by mouse dragging
- Support pre/post recording.
- Different recording modes- Manual, Schedule, Motion, Sensor (Alarm)

ALARM



Detection Area Setup



Sensor Alarm Configuration

- Multi zone Motion Detect
- Motion Sensitivity
- Pre-record and Post record
- 16 Alarms Inputs and 4 Alarm Output
- Motion To Alarm / Motion to PTZ preset/cruise.
- Alarm to Record / Alarm to PTZ preset/cruise.

Standalone

PLAYBACK



Playback Interface

- Search by Date & Time.
- Search by Events.
- Support multi channel playback
- Support deleting and locking recorded files
- On screen mouse control for fast forward/backward and frame by frame.

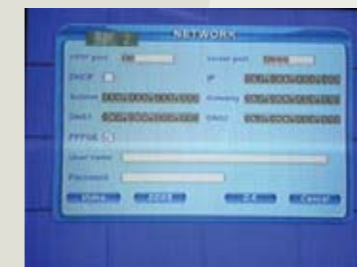
ARCHIVE



Backup

- Back up by Date & Time
- Backup to USB/DVDRW devices or built-in SATA DVD writer with DVR player automatically packed.
- Lock menu to allow locking important files from being erase

NETWORK



Network Configuration



DDNS Configuration

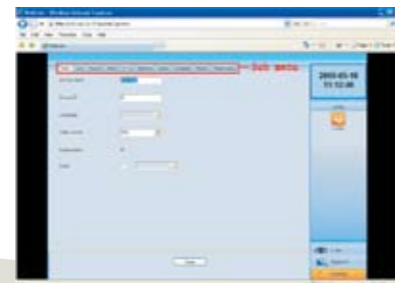
- Dual stream: You can set different video quality for local and for Network.
- Support Static IP, DHCP and PPOE.
- Support DDNS thru various suppliers (DYNDNS, NO-IP).
- Support max 5 connection simultaneously

Standalone

REMOTE



Remote Live



Remote DVD Menu Configuration



Remote Playback



Remote Backup

- Support XP / VISTA.
- Fast connectivity.
- Remote Live view and Audio.
- Support Snap Shots.
- Remote Start/Stop of recording.
- Date & Time line table for recording playback with colored files for different recording types.
- Support Remote backup.
- Lock menu- for locking files.
- Remote PTZ control.
- Full remote setup

OTHER



CMS Interface

- Support mobile view by Pocket PC Phone and Mobile Phone with Windows Mobile operation system, Symbian operation system via "Scam" program and IPHONE.
- Support Live View and PTZ Control.
- Device operation can be done by: mouse, keyboard on Panel, remote control.
- **Free CMS Software**- client management program which design to allow clients centralize all devices together and realize management of parameters and authorization.
- CMS support 3 main functions: View the live site, Device configuration, Video search, playback and backup.

Standalone

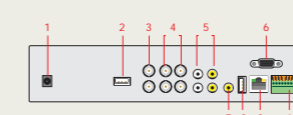
SA-4100S
SA-8200S

● Front Panel



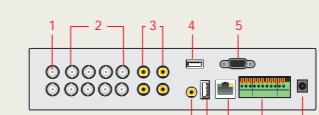
1. Indicators
2. Function key
3. Direction/Multi screen key
4. Power
5. IR receiver

● SA-4100S Rear Panel



1. Power
2. USB2.0
3. Video Out(BNCx2)
4. Video In(BNCx4)
5. Audio In(RCAx4)
6. VGA Out
7. Audio Out(RCAx1)
8. USB Mouse
9. LAN
10. Alarm In/Out RS485

● SA-8200S Rear Panel



1. Video Out(BNCx2)
2. Video In(BNCx8)
3. Audio In(RCAx4)
4. USB2.0
5. VGA Out
6. Audio Out(RCAx1)
7. USB Mouse
8. LAN
9. Alarm In/Out RS485
10. Power

Specifications

MODEL	SA-4100S	SA-8200S
Video Compression	Standard H.264 Baseline	
Video In	Composite:1.0Vp-p/75Ω'BNC×4	Composite:1.0Vp-p/75Ω'BNC×8
Video Out	Composite:1.0Vp-p/75Ω'BNC×2;VGA×1	
Display Resolution	720×576(PAL),720×480(NTSC)	
Recording Resolution	352×288(PAL),352×240 (NTSC)	
Display Frame Rate	100fps(PAL),120fps(NTSC)	200fps(PAL),240fps(NTSC)
Recording Frame Rate	100fps(PAL),120fps(NTSC) D1-25FPS (P), 30FPS (N)	200fps(PAL),240fps(NTSC) D1-50FPS (PAL), 60FPS (NTSC)
Audio In	-8dB~22k,RCAx4	
Audio Out	-8dB~92dB,RCAx1	
Alarm In	4CH	8CH
Alarm Out	1CH	
Recording Mode	Manual, timer, motion, sensor	
Pentaplex	preview, record, playback, backup, remote access	
Network Interface	RJ45	
PTZ	Yes	
Communication Interface	Rs485 x 1, USB2.0 x 2	
HDD	SATA x1	
IR controller	Yes	
Dimension	W300 x D260 x H55mm	
Power Supply	12V	



Standalone

SA-8200
SA-16200
SA-16400



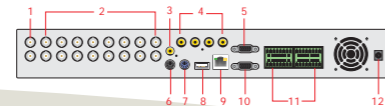
● Front Panel



- 1.Number /CH key
- 2.Function key
- 3.Indicators
- 4.Direction/Multi screen key
- 5.IR receiver
- 6.USB

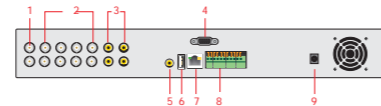
● SA-16200

● SA-16400 Rear Panel



- 1.Video Out(BNCx2)
- 2.Video In(BNCx16)
- 3.Audio Out(RCAx1)
- 4.Audio In(RCAx4)
- 5.RS232
- 6.S-video
- 7.PS/2
- 8.USB Mouse
- 9.LAN
- 10.VGA Out
- 11.Alarm In/Out RS485
- 12.Power

● SA-8200 Rear Panel



- 1.Video Out(BNCx2)
- 2.Video In(BNCx8)
- 3.Audio In(RCAx4)
- 4.VGA Out
- 5.Audio Out(RCAx1)
- 6.USB Mouse
- 7.LAN
- 8.Alarm In/Out
- 9.Power



Specifications

MODEL	SA-8200	SA-16200	SA-16400
Video Compression	Standard H.264 Baseline		
Video In	Composite:1.0Vp-p/75Ω'BNC×8	Composite:1.0Vp-p/75Ω'BNC×16	
Video Out	Composite:1.0Vp-p/75Ω'BNC×2;Super Video×1;VGA×1		
Display Resolution	720×576(PAL),720×480(NTSC)		
Recording Resolution	352×288/704×576 (PAL) 352×240/704×480 (NTSC)		
Display Frame Rate	200fps(PAL),240fps(NTSC)		400fps(PAL),480fps(NTSC)
Recording Frame Rate	200fps(PAL),240fps(NTSC) D1-50FPS (PAL), 60FPS (NTSC)		400fps(PAL),480fps(NTSC) D1-100FPS (P), 120FPS (N)
Audio In	-8dB~22k,RCAx4		
Audio Out	-8dB~92dB,RCAx1		
Alarm In	8CH	16CH	
Alarm Out	4CH		
Recording Mode	Manual, timer, motion, sensor		
Pentaplex	preview, record, playback, backup, remote access		
Network Interface	RJ45		
PTZ	Yes		
Communication Interface	Rs485 x 1, USB2.0 x 2	RS485 x 1, USB2.0 x 2,PS/2 x1	
HDD	SATA x1+DVDRWx1	SATA x2+DVDRWx1	
IR controller	Yes		
Dimension	W430 x D384 x H55mm		
Power Supply	12V		

Standalone

SA-4100M



● Front Panel



● Rear Panel



Specifications

MODEL	SA-4100M
Video Compression	Standard H.264 Baseline
Video In	Composite: BNCx4
Video Out	Composite: BNCx2, S-Videox1, VGAx1
Display Resolution	704x576(PAL),640x480(NTSC)
Recording Resolution	352x288(PAL CIF), 352x240 (NTSC CIF)
Display Frame Rate	100fps(PAL),120fps(NTSC)
Recording Frame Rate	100FPS-CIF(PAL),120FPS-CIF (NTSC)
Screen	7" LCD Monitor
Audio In	RCAx2
Audio Out	RCAx1
Alarm In	NO or NC 4Ch
Alarm Out	Relay out 1CH
Recording Mode	Manual / timer / motion detection / sensor
Triplex/Pentaplex	Triplex
Dual Stream	Individual network video stream and local recording stream.
Network Interface	RJ45 10/100M Self-adaptive
PTZ	Yes
Communication Interface	RS485, USB 1.1 x 2 (For Backup or Mouse)
HDD	SATA x1
Backup media	USB Flash drive, USB HDD, USB DVD-RW
Control interface	Mouse, Front panel, Remote control (Optional)
Dimension	W200 x D190 x H270mm
Power Supply	12V



4 Channel Surveillance Kit

Home/Office small surveillance system for self installation

NEW



The perfect answer for keeping your family secure, protecting your assets against theft, or managing your staff and resources more effectively. This easy to install complete security kit has everything you need to setup a secure home or business. Surveillance can be handled remotely worldwide.

Kit Content

- 4 Channel H.264 DVR Standalone
- 4 x IR Outdoor/Indoor camera
- 4 x Camera Brackets
- 4 x 5 meter cable
- 1 x DVR power supply
- 4 x Camera power supply
- USB mouse
- Remote control
- Manual and Quick Start Guide



DVR Cards - Hardware Compression

Professional DVR / NVR Systems Hardware compression



HD Series –The Higher level of protection.

- The HD Series is our prime level hardware compression DVR Cards. The series will answer any requirements. from the Medium to the High level commercial businesses.
- From the local convenient store to the ever demanding multi stores chains, commercial multiplexes, casinos and more...
- The HD Series features a full range of superior quality DVR cards. From 100FPS to 400FPS & 800FPS in Full D1 video quality.

Software



- Easy to use graphical interface.
- Recording Scheduler.
- Events Log.
- Recording Status:
 - 1. Continuous
 - 2. Motion detect
 - 3. Emergency
 - 4. Alarm

Time Line Player



- Based on Date & Time filter
- Multi Camera View
- Set playing speed / Reverse mode.
- Smart search - MD
- Zoom
- Brightness / Contrast

Find Record Player



- Enables immediate approach to recorded events.
- Change playing speed.
- Snap Shots
- Brightness & contrast.
- Backup - DVD\USB

Advanced Features



- Groups and Grouping Presets.
- Users Administration.
- Virtual PTZ.
- Auto-detect of camera covering/shifting.
- Set motion sensitivity.
- Motion areas.
- Auto-Snap Shots (HD-16100/32200)
- Set recoding quality.
- Hybrid System - NVR/DVR
- POS

DVR Cards - Hardware Compression

Professional DVR / NVR Systems Hardware compression



Advantages



- Supports Cellular & PDA remote viewing.
- Supports Dynamic IP
- Alert notes via SMS & E-mail
- Multilingual Software
- SQL based DB
- Standard video files – no need of additional decoding.
- OS/Server Complete Locking

Remote Software



- Full remote video viewing and remote control.
- Advanced technology for high quality video on limited bandwidth.
- Stream Player for immediate playback (no need to download files).
- Remote PTZ control.
- Automatic re-connection to the main system.
- Video conference.
- All the main system configurations can be modified remotely.

Control Center Software



- Up to 100 remote sites.
- Automatic connectivity monitoring.
- Fast access to remote sites.
- Multi site view simultaneously.
- Automatic alerts from remote sites.
- Log file.
- 2 Way remote control.
- SMS Alerts.

Models

HD16400



- DVR Card, Hardware Compression.
- 16 D1 Video Channels
- 16 Audio Channels
- H.264
- 400/400 FPS
- Up to 2 HD-16400 in one computer
- 800/800 FPS
- 32 channels/800 FPS

HD16200



- DVR Card, Hardware Compression.
- 32 Video Channels
- 2 Audio Channels
- 200/200 FPS
- Up to 4CIF resolution.
- MPEG4 compression
- M-JPEG remote stream.

HD16100



- DVR Card, Hardware Compression.
- 16 Video Channels
- 2 Audio Channels
- 100/100 FPS
- Up to 4CIF resolution.
- MPEG4 compression
- M-JPEG remote stream.

DVR Cards - Software Compression



- This series of cards are PCI or PCI-Express cards which use the most advanced compression H.264.
- It is a series of cards fitted perfectly for the Entry and Middle level projects of 4/8/16/32 channels where there is a need for simple and friendly software with good quality and clear video image.

Main Screen



Main Screen

- Easy to use graphical interface.
- Immediate stopping/starting of a recording for each channel or for all.
- Support different view mode.
- PTZ Control.
- Quad option for channel / Group.
- System Lock.
- On Screen Help File.

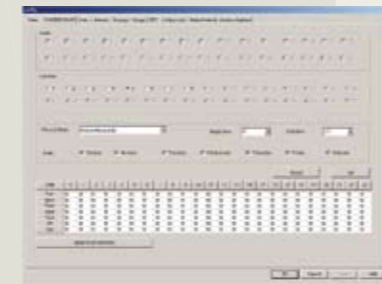
Video



Video

- Different video quality setting.
- Resolution Setting- 640X480 352X288 320X240.
- Different frame rate per Channel setting.
- Camera title.
- Video loss alarm (sound).
- Limitation of Video File Size.
- Support channel security by hiding live display.

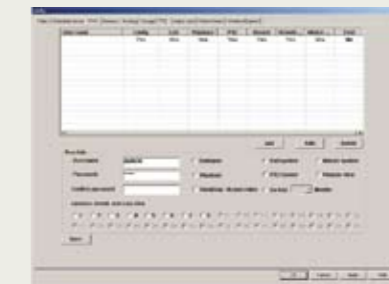
Schedule



Schedule

- Easy time table and calendar.
- Audio record (for DVR94A).
- Recording option-
 - View only.
 - Continues record
 - Motion record
- Copy option to all channels.

Users



Users

- Up to 15 different users.
- Users permissibility-
 - Settings
 - Find recording
 - System exit
 - System minimize
 - PTZ control
 - Remote view (to which channels)

DVR Cards - Software Compression



Network

Network

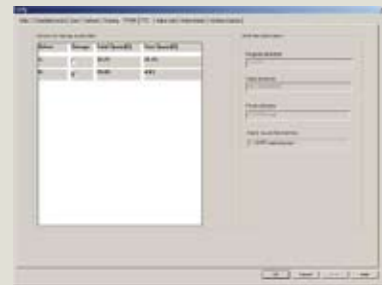
- Support TCP/IP.
- Support Dynamic IP- we have set up a server to serve your client. The easy registration is made from the software and save your client money on fix IP.

Running

Running

The software allows you to restart your computer on a specific weekly day and time and restart the DVR automatically.

Storage

Storage

- Allow you to chose on which local disc the system will save the records.
- Automatic recycle- FIFO.

PTZ

PTZ

- Support various PTZ Protocols.
- Support various PTZ Presets.
- Support remote PTZ control.

Motion Detect

Motion Detect

- Support multi zone motion detect (PCI-EX cards).
- Sensitivity level.
- Pre / Post record.
- Sound alarm.
- Mail alert with attached picture and text.

Time Line Player

Main Features

- Multi Camera View up to 16 channels.
- Based on Date&Time filter.
- Colored files.
- Set playing speed.
- Snap shots.
- Frame by Frame mode.
- Print / Back up.

DVR Cards - Software Compression



Internet Browser

Internet Browser

- Fast connectivity.
- Support multi site view up to 36 channels.
- Remote Playback.
- Remote Audio.
- Remote PTZ control.

Client Software

Client Software

- Fast connectivity.
- Similar interface to the local software.
- Support multi site view up to 36 channels.
- Time line player.
- Support live and recording view simultaneously.
- Remote Audio.
- Remote PTZ control.

Models

DVR84



- 4Cameras 25/30 Fps
- Image Compression: H.264/ MPEG-4
- Image Resolution: 640 X 480, 352 X 288, 320 X 240
- Video total frame rate: 30FPS in NTSC, 25FPS in PAL

DVR94



- 4Cameras 100/120 Fps real time
- Image definition: 9-bit ADCs bring better image quality
- Image Compression: H.264/ MPEG-4
- Image Resolution: 640 X 480, 352 X 288, 320 X 240
- Video total frame rate: 120FPS in NTSC, 100FPS in PAL

DVR94A



- 4 Cameras 100/120 Fps real time
- 4 Audio Channel
- Image definition: 9-bit ADCs bring better image quality
- Image Compression: H.264/ MPEG-4
- Image Resolution: 640 X 480, 352 X 288, 320 X 240
- Video total frame rate: 120FPS in NTSC, 100FPS in PAL

DVR98



- 8 Cameras 200/240 Fps Real Time
- Image definition: 9-bit ADCs bring better image quality
- Image Compression: H.264/ MPEG-4
- Image resolution: 640 X 480, 352 X 288, 320 X 240
- Video total frame rate: 240FPS in NTSC, 200FPS in PAL

DVR Cards - Software Compression



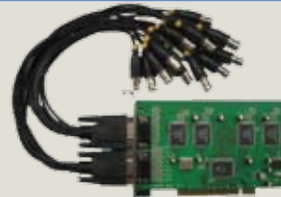
Models

DVR98EX (PCI Express)



- 8 Cameras 200/240 Fps Real Time
- Image definition: 11-bit ADCs High quality image
- Image Compression: H.264/ MPEG-4
- Image resolution: 640 X 480, 352 X 288, 320 X 240
- Video total frame rate: 240FPS in NTSC, 200FPS in PAL

DVR8416



- 16Cameras 100/120 Fps
- Image definition: 10-bit ADCs image quality
- Image Compression: H.264/ MPEG-4
- Image Resolution: 640 X 480, 352 X 288, 320 X 240
- Video total frame rate: 120FPS in NTSC, 100FPS in PAL

DVR9816EX (PCI Express)



- 16 Cameras 400/480 Fps Real Time
- Image definition: 11-bit ADCs High quality image
- Image Compression: H.264 optimized
- Image resolution: 704 X 576, 352 X 288
- Video total frame rate: 480FPS in NTSC, 400FPS in PAL
- Combine two cards to create 32Ch / 800FPS

DVR-USB Card SuperDVR

Who Says Notebook Can't be A DVR Host?

This USB video grabber system is ideal for home / small business use, user friendly with the applications software

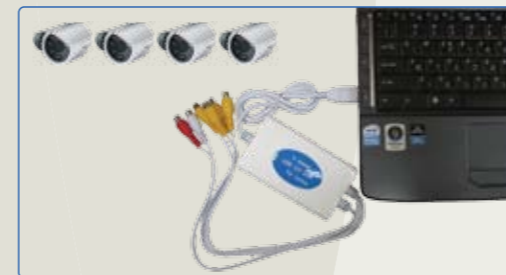


Features

- ▶ 4 channels video in put in one card
- ▶ Display/recording rate 25 fps (PAL), 30 fps (NTSC)
- ▶ 1/4/6/8/13/16 screen display modes
- ▶ Support schedule recording mode, recycling recording method available
- ▶ MPEG4 video compression format.
- ▶ Support multi-channel playback, searching by time/date and recording events, images can be Zoom/capture/save/print/backup.
- ▶ Support remote surveillance and PTZ control through web browser, support dynamic domain name.
- ▶ Remote playback function.
- ▶ Configurable auto reboot function for preventing PC deadlock.
- ▶ Support Auto-Mail, Emap and smart phone

• Key Specifications:

- o Input Type RCA
- o Video Input 4CH
- o Audio Input 2Ch Audio on board, 1 Ch PC Audio
- o Video Output 1 Ch VGA Video Output
- o Display Rate 25 fps (PAL), 30fps (NTSC)
- o Recording Rate Max 25 fps (PAL), 30fps (NTSC)
- o Compression Format MPEG4, 5 level recording quality options available, and the recording frame rate range from 1 to 30FPS adjustable for each channel.
- o Video Resolution 704x576,352x288(PAL), 640x480,320x240(NTSC)
- o Recorder Media HDD, USB Disk, ZIP, CD-R/W
- o Record Mode Motion/Schedule/Manual
- o Network TCP/IP
- o PTZ Protocol Configurable, Remote Control Capability
- o Remote Software Support Internet Explorer Web Browser
- o Multi alarm triggering method: sensor, motion, video loss, and HDD space shortage.





CCTV Lens



Vari-Focal Auto Iris Lens

MODEL	02812DV	0358DV	0615DV	1230DV	0770DV
Focal Length (mm)	2.8-12	3.5-8	6-15	12-30	7-70
Angle of View (HOR)	95.6-22.1	106-43.2	48.1-18.6	30-12.2	47.2-3.2
Aperture (F)	1.4-360	1.4-360	1.4-360	1.6-360	1.6-360
Mount	CS	CS	CS	CS	CS
Image Format (Inch)	1/3"	1/3"	1/3"	1/3"	1/3"
M.O.D. (m)	0.1	0.1	0.1	0.2	0.2
Dimensions (HxLxW)mm	44 x 67.6 x 51.6	38 x 44 x 45.6	38 x 57.8 x 45.6	38 x 59 x 45.6	44 x 70.6 x 50.6
Weight (g)	160	100	135	125	175



Vari-Focal Auto Iris Lens

MODEL	05100DV			
Focal Length (mm)	5-100			
Angle of View (HOR)	45-2.9			
Aperture (F)	1.8-360			
Mount	CS			
Image Format (Inch)	1/3"			
M.O.D. (m)	0.2			
Dimensions (HxLxW)mm	50 x 88.8 x 50.6			
Weight (g)	245			

CCTV Lens



Vari-Focal Manual Iris Lens

MODEL	02812V	0358V	0615V	0770V	05100V
Focal Length (mm)	2.8-12	3.5-8	6-15	7-70	5-100
Angle of View (HOR)	95.6-22.1	106-43.2	48.1-18.6	47.2-3.2	45-2.9
Aperture (F)	1.4-360	1.4-360	1.4-360	1.6-360	1.8-360
Mount	CS	CS	CS	CS	CS
Image Format (Inch)	1/3"	1/3"	1/3"	1/3"	1/3"
M.O.D. (m)	0.1	0.1	0.1	0.2	0.2
Dimensions (HxL)mm	40.8 x 67.6	33 x 44	33 x 57.8	40 x 70.6	50 x 88.8
Weight (g)	175	105	125	175	260



Fixed Iris Lens

MODEL	0216F	02516F	0286F	0416F	0620F
Focal Length (mm)	2.1	2.5	2.8	4	6
Angle of View (HOR)	170	110	122	70.6	48.1
Aperture (F)	1.6	1.6	1.6	1.6	2.0
Mount	CS	CS	CS	CS	CS
Image Format (Inch)	1/3"	1/3"	1/3"	1/3"	1/3"
M.O.D. (m)	0.2	0.2	0.15	0.1	0.1
Dimensions (HxL)mm	30 x 20.7	30 x 21.8	30 x 12	30 x 19.4	30 x 23.5
Weight (g)	55	55	55	55	55

CCTV Lens



Fixed Iris Lens

MODEL	0820F	1216F	1616F	2514F
Focal Length (mm)	8	12	16	25
Angle of View (HOR)	33.4	28	18	20
Aperture (F)	2.0	1.6	1.6	1.4
Mount	CS	CS	CS	C
Image Format (Inch)	1/3"	1/3"	1/3"	1/2"
M.O.D. (m)	0.1	0.1	0.1	0.3
Dimensions (HxL)mm	30 x 27.2	30 x 13.1	30 x 14.5	30 x 32
Weight (g)	60	26	29	70



Board Lens

MODEL	21B	25B	28B	36B	4B
Focal Length (mm)	2.1	2.5	2.8	3.6	4
Angle of View (HOR)	175	107.1	98	92	73
Aperture (F)	1.6	1.6	2.0	2.0	1.8
Mount	12*0.5	12*0.5	12*0.5	12*0.5	12*0.5
Image Format (Inch)	1/3"	1/3"	1/3"	1/3"	1/4"
M.O.D. (m)	0.2	0.2	0.2	0.2	0.1
Dimensions (HxL)mm	18 x 26	18 x 25.7	14 x 16.6	14 x 15.2	14 x 15.6
Weight (g)	15	15	6	5	10

CCTV Lens



Board Lens

MODEL	6B	8B	12B	16B	25B
Focal Length (mm)	6	8	12	16	25
Angle of View (HOR)	54	43	29	21	14
Aperture (F)	2.0	2.0	2.0	2.0	2.0
Mount	12*0.5	12*0.5	12*0.5	12*0.5	12*0.5
Image Format (Inch)	1/3"	1/3"	1/3"	1/3"	1/3"
M.O.D. (m)	0.2	0.2	0.2	0.2	0.2
Dimensions (HxL)mm	14 x 15.5	14 x 13.8	14 x 13.6	14 x 13.8	14 x 17.2
Weight (g)	5	5	5	5	5



Accessories



Housing

- CCTV Camera Housing
- Designed for Indoor / Outdoor applications



Brackets

- Universal camera brackets



Connectors

- Connectors for carrying audio signal and video signal



UTP Baluns

- Video Transmission
- Power Transmission
- Data Transmission



Dummy Cameras

- Imitation security cameras
- Indoor and outdoor realistic and affordable deterrent security equipment



Multiplexers

- 4/8/16 Multiplexers

Accessories

Monitors

- Video Monitors TFT LCD and CCTV Monitors
- 7" TFT-LCD Monitor: With 2 video entrances, 1 audio entrance, Built-in speakers, Bath, arm, remote control.

Available in Black, White, grey, Beige



16 Channels Distribution Box for Power Supply

- Fit for any computer power supply to achieve 12V/20A.
- Pulled out power connector for easy access.
- Fuse protection and On/Off switch for each channel.
- Indicator Led for each channel
- Easy and convenient installation.



Specially design
for CCTV Installation



Model Name Symbol Rule

CATEGORY	SUB CATEGORY	CCD SIZE	TVL	LUX	COMPONENT TYPE	CCD TYPE	LENS
X	X	O	O	O	X	X	OO
I	V	- 3	2	2	C	S	36
D	X	- 4	2	8	C	P	36

Example

Category

Symbol	Description
B	Body
D	Dome
M	Mini
I	Infra
C	Card
IM	Indoor PTZ
OM	Outdoor PTZ

LUX

Symbol	Description
1	Below-0.009
2	0.01-0.1
3	0.11-0.3
4	0.4
5	0.5
8	0.8
9	1

Sub-Category

Symbol	Description
X	No subcategory
I	Infra Red (IR)
C	Pinhole cone shape
A	Anti Vandal
Z	Zoom
S	Smoke detector
V	Volume detector
F	Fire sprinkler
L	Spotlight shape
P	Pipe
D	Door
W	Wire
1	IR 10-20m
2	IR 20-30m
3	IR 30-40m
4	IR 40-50m

Component Type

Symbol	Description
C	Color CCD
M	Cmos
B	B/W CCD
DPS	Pixim Technology

CCD Type

Symbol	Description
S	Sony
X	Sony ex-view
P	Sharp
L	LG
J	JVC

Lens

Symbol	Description
25	2.5mm
36	3.6mm
04	4mm
43	4.3mm
06	6mm
08	8mm
12	12mm
16	16mm
VF	Vari-focal

CCD Size

Symbol	Description
2	1/2"
3	1/3"
4	1/4"

TVL

Symbol	Description
1	380 TVL
2	420 TVL
3	480 TVL
4	520 TVL
5	540 TVL
6	600 TVL