



Pioneers in Securities



# Varifocal IR Camera Outdoor 40 Mtr

2.8 to 12 mm Lens

## FEATURES

- Perfect Solution for Day / Night Applications
- High Sensitivity SONY Super HAD II CCD Sensor
- Adopt "Special Optical Low Pass Filter"
- High Efficiency IR LED :  
42pcs × Φ5 Radiant Distance 40 M
- Automatically Activates LED : Below 10 Lux
- High Sensitivity Sensor, Excellent Picture Quality
- IR Cut Filter, Auto Color & Mono Switching in low light
- Unique Front Glass Design Separates Lens from IR LEDs
- Avoid IR Reflection to Provide Perfect Video
- IP 68 outdoor Weather Proof Bullet Camera



**OSD  
CONTROLLER**



VARIFOCAL LENS  
ADJUSTMENT

**SONY SUPER  
HAD II CCD**

Model	S-1602 V/F	S-1604 V/F	S-1606 V/F	S-1607 V/F
Image Sensor	1/3" Sony Super HAD II CCD	1/3" Sony Super HAD II CCD	1/3" Sony Super HAD II CCD	1/3" Sony Exview II CCD
TV System	PAL / NTSC			
Horizontal Resolution	420 TVL	480 TVL	650 TVL	750 TVL
Image Resolution	PAL : 500 (H)*582 (V) NTSC : 510 (H)*492 (V)	PAL : 752 (H)*582 (V) NTSC : 768 (H)*494 (V)	PAL : 752 (H)*582 (V) NTSC : 768 (H)*494 (V)	PAL : 796 (H)*582 (V) NTSC : 796 (H)*494 (V)
Lens	2.8 mm - 12 mm Varifocal Lens			
IR Led / IR Distance	42 Pcs × Ø5, 40m			
Shell	Metallic Bullet Housing Red & Silver Colour with Sun Shield			
Synchronization System	Internal Synchronization			
Video Output	1.0V p-p, 75Ω / BNC			
Power Supply	DC12V ( +/- 10%), 120mA+ 300mA (with IR on)			
Operating Environment	-20°C~60°C / 10% ~ 95%RH			
Digital to Analog	9 Bit	10 Bit	10 Bit	12 Bit
Minimum illuminator	0.1 Lux / F 1.2 (0 Lux IR On)	0.1 Lux / F 1.2 (0 Lux IR On)	0.05 Lux / F 1.2 (0 Lux IR On)	0.05 Lux / F 1.2 (0 Lux IR On)
S/N Ratio	>48dB		>50dB	
Electronic Shutter	1/50 - 1/60,000 sec (PAL), 1/60 - 1/60,000sec (NTSC)			

## OSD (On Screen Display) FUNCTIONS

Model	S-1602 V/F OSD	S-1604 V/F OSD	S-1606 V/F	S-1607 V/F
WDR	D-WDR			
DNR	2D-DNR			
OSD	OSD			
Motion Detection	4 zones, Set position and size freely			
Private Area	8 zones, Set position and size and color freely			
Control Mode	OSD Menu			
White Balance	ATW / Manual / Auto			
AGC	ATW / Manual / Off			
BLC	ON / OFF			
Gamma Adjusting	Adjustable			

Designed in Japan