

540 TV Line Security Cameras with IR Illuminators

- Horizontal resolution of 540 TV lines
- High sensitivity
- Built-in IR illuminators
- 3.7x varifocal lens
- True Day/Night function



KEY FEATURES

- Built-in IR (infrared) illuminators to assist capturing objects in the dark even under 0 lx, up to 16 m (52 feet) away



OFF



ON

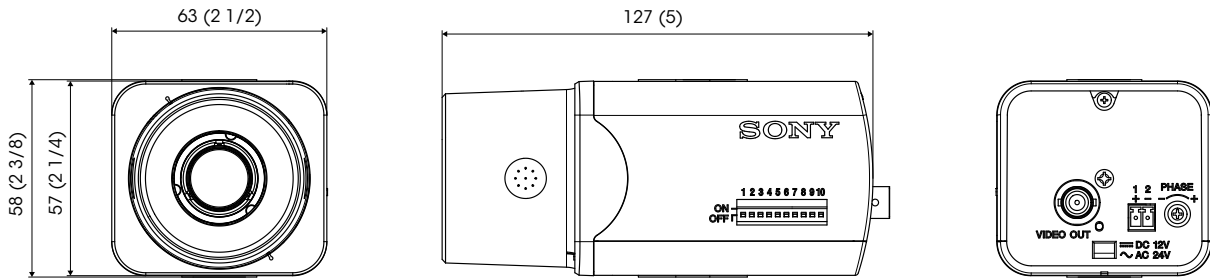
- High resolution (540 horizontal TV lines) and high sensitivity (Color: 0.06 lx, B/W: 0 lx at F1.2 and 50 IRE) achieved by an 1/3-type "EXview HAD CCD II" sensor and Sony's new digital signal processor, "Effio-E"
- **EXview HAD CCD II**
- 3.7x variable focal length lens with a focal length of 2.8 mm to 10.5 mm and a horizontal angle of view of 101.8° to 27.4°
- True Day/Night function to switch to Day or Night mode depending on the light level
- Dip SW Control for easy mode setting

- ATR-Lite (Adaptive Tone Reproduction Lite) to compensate for gradation of subjects to an optimum level
- iBLC to compensate for exposure levels in dark scenes to improve subject visibility
- ATW (Automatic Tracing White) and ATW-PRO which automatically adjust the camera's white balance to adapt to sudden changes in lighting conditions
- Internal lock, and line lock selectable
- 2D noise reduction employed
- AC 24 V/DC 12 V operation ($\pm 10\%$)

SPECIFICATIONS

SSC-CB461R	
Camera	
Image Sensor	1/3-type 760H Super HAD CCD II
Image Sensor (Number of Effective Pixels)	Approx. 0.44 Megapixels
Signal System	PAL
Minimum Illumination (50 IRE)	Color: 0.06 lx (F1.2 AGC ON), B/W: 0 lx (F1.2 AGC ON)
Minimum Illumination (30 IRE)	Color: 0.04 lx (F1.2 AGC ON), B/W: 0 lx (F1.2 AGC ON)
S/N Ratio	More than 55 dB (AGC OFF)
Gain	Auto (ON/OFF)
Shutter Speed	Fixed (1/50 s)
Sync System	Internal/AC line lock selectable
White Balance	ATW (2000K to 10000K), ATW-pro (2500K to 6000K)
Lens	Vari-focal type
Powered Zoom	No
Zoom Ratio	Optical 3.7x
Powered Focus	No
Horizontal Viewing Angle	101.8° to 27.4°
Vertical Viewing Angle	73.7° to 20.6°
Focal Length	f=2.8 mm to 10.5 mm
F-Number	F1.2 (Wide), F2.7 (Tele)
Minimum Object Distance	300 mm
Horizontal Resolution	540 TVL
Infrared Illuminators	10 pcs
Infrared Irradiation Distance	16 m at 50 IRE
Camera Features	
Day/Night	Yes (True D/N)
Image Enhancement	Yes (ATR-Lite, ON/OFF)
Noise Reduction	Yes (2DNR, ON/OFF)
General	
Power Requirements	AC 24 V ±10%, DC 12 V ±10%
Power Consumption	4.4 W max.
Operating Temperature	-10°C to +50°C (14°F to 122°F)
Storage Temperature	-40 °C to +60 °C (-40°F to +140°F)
Operating Humidity	20% to 80%
Storage Humidity	20% to 95%
Vandal Resistant	No
Dimensions	63 mm x 57 mm x 127 mm (2 1/2 inches x 2 1/4 inches x 5 inches)
Mass	200 g (7.1 oz)
Safety Regulations	EN55022 (Class A) + EN50130-4 EN55022 (Class A) + EN55024 AS/NZS CISPR22 (EN55022) Class A IEC60065 GOST-R IEC60065 compliance
Ingress Protection	No
Supplied Accessories	Operation instructions (1)

DIMENSIONS



Unit: mm (inches)

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