

SSC-CM561R/CM560R

Analog Color Mini Dome Cameras

SONY
make.believe

650 TV Line Security Cameras with IR Illuminators

- Horizontal resolution of 650 TV lines (normal mode)
- 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 (650 horizontal TV lines in normal mode, 700 horizontal TV lines in sharp mode) 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™

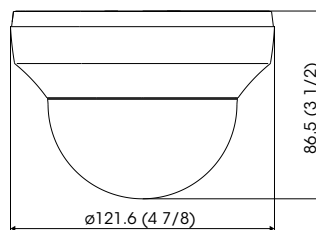
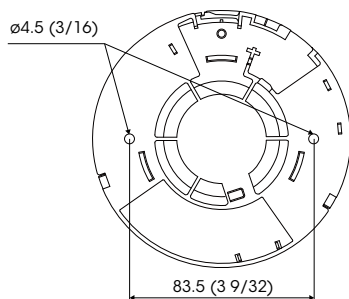
- 3.7x variable focal length lens with a focal length of 2.8 mm to 10.5 mm and a horizontal angle of view of 101.8° to 27.4°
- Easy and flexible camera angle adjustment achieved by a new three-hinge structure
- True Day/Night function to switch to Day or Night mode depending on the light level

- 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
- Monitor out connector to adjust the viewing angle of a camera
- Internal lock, and line lock selectable
- 2D noise reduction employed
- AC 24 V/DC 12 V operation ($\pm 10\%$)
- Custom template supplied

SPECIFICATIONS

	SSC-CM561R	SSC-CM560R
Camera		
Image Sensor	1/3-type 960H EXview HAD CCD II	1/3-type 960H EXview HAD CCD II
Image Sensor (Number of Effective Pixels)	Approx. 0.57 Megapixels	Approx. 0.48 Megapixels
Signal System	PAL	NTSC
Minimum Illumination (50 IRE)	Color: 0.06 lx (F1.2 AGC ON) B/W: 0 lx (F1.2 AGC ON)	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)	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)	More than 55 dB (AGC OFF)
Gain	Auto (ON/OFF)	Auto (ON/OFF)
Shutter Speed	Fixed (1/50 s)	Fixed (1/60 s)
Sync System	Internal/AC line lock selectable	Internal/AC line lock selectable
White Balance	ATW (2000K to 10000K) ATW-pro (2500K to 6000K)	ATW (2000K to 10000K) ATW-pro (2500K to 6000K)
Lens	Vari-focal type	Vari-focal type
Zoom Ratio	Optical 3.7x	Optical 3.7x
Horizontal Viewing Angle	101.8° to 27.4°	101.8° to 27.4°
Vertical Viewing Angle	73.7° to 20.6°	73.7° to 20.6°
Swivel Range	350°	350°
Focal Length	f=2.8 mm to 10.5 mm	f=2.8 mm to 10.5 mm
F-Number	F1.2 (Wide), F2.7 (Tele)	F1.2 (Wide), F2.7 (Tele)
Minimum Object Distance	300 mm	300 mm
Horizontal Resolution	650 TVL (normal mode) 700 TVL (sharp mode)	650 TVL (normal mode) 700 TVL (sharp mode)
Pan/Tilt Angle	355°±66°	355°±66°
Infrared Illuminators	10 pcs	10 pcs
Infrared Irradiation Distance	16 m at 50 IRE	16 m at 50 IRE
Camera Features		
Day/Night	Yes (True D/N)	Yes (True D/N)
Image Enhancement	Yes (ATR-Lite, ON/OFF)	Yes (ATR-Lite, ON/OFF)
Noise Reduction	Yes (2DNR, ON/OFF)	Yes (2DNR, ON/OFF)
General		
Power Requirements	AC 24 V ±10%, DC 12 V ±10%	AC 24 V ±10%, DC 12 V ±10%
Power Consumption	4.2 W max.	4.2 W max.
Operating Temperature	-10°C to +50°C (14°F to 122°F)	-10°C to +50°C (14°F to 122°F)
Storage Temperature	-40 °C to +60 °C (-40°F to +140°F)	-40 °C to +60 °C (-40°F to +140°F)
Operating Humidity	20% to 80%	20% to 80%
Storage Humidity	20% to 95%	20% to 95%
Dimensions	ø121.6 mm x 86.5 mm (ø4 7/8 inches x 3 1/2 inches)	ø121.6 mm x 86.5 mm (ø4 7/8 inches x 3 1/2 inches)
Mass	300 g (11 oz)	300 g (11 oz)
Safety Regulations	EN55022 (Class A) + EN50130-4 EN55022 (Class A) + EN55024 AS/NZS CISPR22 (EN55022) Class A IEC60065 GOST-R IEC60065 compliance	UL2044 FCC/IC Class A IEC60065
Supplied Accessories	Operating instructions (1) Template (1)	Operating instructions (1) Template (1)

DIMENSIONS



Unit: mm (inches)

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