

## SSC-CM564R

SD High Resolution (700 line) Mini Dome analogue outdoor camera with IR illuminators and IP66-rated housing

The SSC-CM564R's Mini Dome three-hinge structure, infrared illuminators, optical Day/Night function and rugged design make it an ideal camera for outdoor applications, such as monitoring car parks, factories and office buildings, which require a wide angle of enhanced image capture at night.

Built-in infrared illuminators assist in capturing objects in the dark with an optical Day/Night function automatically switching between day (colour) and night (monochrome) modes depending on lighting levels. The SSC-CM564R also has an IP66-rated waterproof and dust-tight design for robust and reliable outdoor surveillance performance.

Image acquisition is high resolution (700 horizontal TV lines in sharp mode) and high sensitivity, thanks to a 1/3-type "EXview HAD CCD II" sensor and "Effio-E" digital signal processor.

## Features

### Capture images even in the darkest conditions

Built-in infrared illuminators enable and enhance the capture of objects in the dark – even under 0 lx – up to 30 m (98 feet) away.

## Technical Specifications

Camera	
Image device	1/3-type EXview HAD CCD II
Number of effective pixels (H x V)	480,000 pixels (976 x 494)
Signal system	NTSC standard
Horizontal resolution	700 TV lines (sharp mode)
S/N ratio	More than 55 dB (AGC Off)
Minimum illumination	Color: 0.06 lx, B/W: 0 lx (F1.2, 50 IRE) Color: 0.04 lx, B/W: 0 lx (F1.2, 30 IRE)
Video output	VBS: 1.0 Vp-p
Synchronization	Internal/AC line lock selectable

### Exceptionally detailed images

The SSC-CM564R offers exceptionally high resolution (700 horizontal TV lines) image acquisition. A1/3-in type "EXview HAD CCD II" sensor and Sony's "Effio-E" digital signal processor deliver superbly clear and detailed images.

### Maximised image quality in low lighting

Remarkably high sensitivity (Colour: 0.06 lx, B/W: 0 lx, F1.2, 50IRE) maximises image quality under low-lighting conditions, making the camera eminently suitable for round-the-clock security applications.

### Switching automatically into Night mode

The optical Day/Night function switches between Day (colour) and Night (black and white) modes to optimise image quality 24/7.

### Waterproof and dust-tight for robust surveillance requirements

The SSC-CM564R features an IP66-rated waterproof and dust-tight design for outdoor applications, or indoor where water ingress is a threat.

### Flexible angle of view

The SSC-CM564R's 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 °, delivers an exceptionally flexible angle of view.

Gain control	Auto (On/Off)
White balance	ATW (2000K to 10000K), ATW-PRO (2500K to 6000K)
Lens type	Built-in variable focal lens
Zoom ratio	Optical 3.7x
Horizontal viewing angle	101.8 degrees to 27.4 degrees
Focal length	f=2.8 mm to 10.5 mm
F number	F1.2 (Wide), F2.7 (Tele)
Minimum object distance	300 mm (11 7/8 inches)
Iris	Auto
Panning range	355 degrees
Tilting range	±77 degrees

Swivel range	350 degrees
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### Camera Features

Day/Night	Yes (removable IRC filter)
IR working distance	30 m (98 feet ) (50 IRE)
Noise reduction	Yes (2D NR)
Back light compensation	Yes (iBLC, On/Off)
Automatic tone reproduction	Yes (ATR-Lite, On/Off)

### General

Mass	900 g (1 lb 16 oz)
Dimensions	ø139.4 mm x 103 mm (ø5 1/2 inches x 4 1/8 inches)
Power requirement	AC 24 V ±10%, DC 12 V ±10%
Power consumption	Max. 5.5 W

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%
Ingress Protection	IP66

### Supplied accessories

Bracket	1
Template	1
Fall-prevention rope	1
Camera unit mounting screws	2
Screw (M4 x 8)	1
Wrench	1
Installation manual	1