SONY

CCIR

Black and White Video Cameras

SSC-M183CE/M188CE/ M383CE/M388CE

Sony Surveillance Systems

Lens is optional.

Black and White Video Cameras

SSC-M183CE/M188CE/M383CE/

Sony's new versatile and stylish SSC-M183CE/M188CE/ M383CE/M388CE black and white cameras are specifically designed for surveillance and monitoring applications ranging from building and airport security to banking and retails stores, and more!

Incorporating the latest Sony CCD technology, these cameras produce images with high picture quality and remarkable sensitivity with a S/N ratio of more than 50 dB. In addition, the SSC-M183CE and SSC-M383CE offer dual power capability (AC 24 V and DC 12 V) to safeguard against unwanted power supply compatibility issues, while the SSC-M188CE and SSC-M388CE utilise an AC 220 V to 240 V power source.

The SSC-M183CE and SSC-M383CE cameras are encased in an aesthetically pleasing and compact design perfectly suited for commercial and fashionable facilities such as retail stores, shopping malls, stadiums, arenas, banks and office buildings. What's more, these cameras are equipped with outstanding features including Back-Light Compensation to counteract shadow casting, CCD IRIS™, Turbo AGC (up to 24 dB) enabling subjects within low illuminated areas to be more clearly distinguished, and an extensive choice of lens options and connection capability.

Sony's SSC-M183CE/M188CE/M383CE/M388CE cameras are the ideal choice for a wide range of surveillance applications -offering excellent performance, dependability and sophisticated design, all at an affordable price.

High picture quality

The SSC-M383CE/M388CE cameras incorporate a 1/3 type IT (Interline Transfer) CCD with Exwave HAD™ technology, the new Sony technology that offers extremely high picture quality and high sensitivity. The high resolution SSC-M383CE/ M388CE cameras provide 570 TV lines and a minimum illumination of 0.07 lx at F1.2 (50 IRE).
The SSC-M183CE/M188CE cameras incorporate a 1/3 type IT Super HAD CCD™ that achieves a horizontal resolution of 380 TV lines and a minimum illumination of 0.06 lx at F1.2 (50 IRE).

Compact and stylish design

With dimensions of 60 (W) x 54 (H) x 120 (D) mm and weighing only 360 g (SSC-M183CE/M383CE) or 390 g (SSC-M188CE/M388CE), these compact cameras can easily be installed in places where space is limited and installation was previously difficult for larger cameras. Their stylish and unobtrusive, metallic-silver design will compliment any décor.

Tripod screw holes

Installing and setting up your camera is simple, because it already includes tripod screw holes at the top and bottom of its body. You do not need a special tripod adaptor.

BLC (Back-Light Compensation)

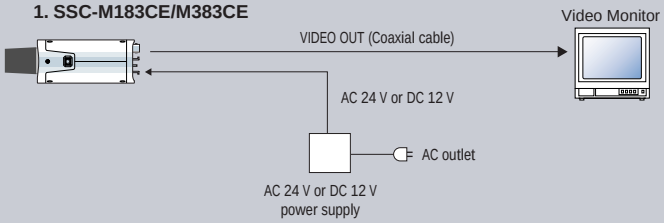
Unwanted backlighting can often cause the subject matter of the image to be cast into shadows. The Back-Light Compensation (BLC) feature incorporated in these cameras will automatically compensate for such conditions and allow the subject to be easily visible with an improved level of object recognition.

* This function works when CCD IRIS is ON.

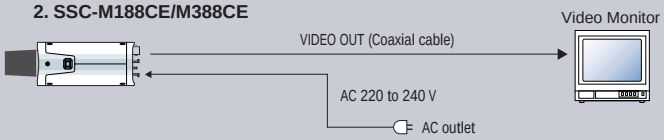
Typical System

Single Camera Operation

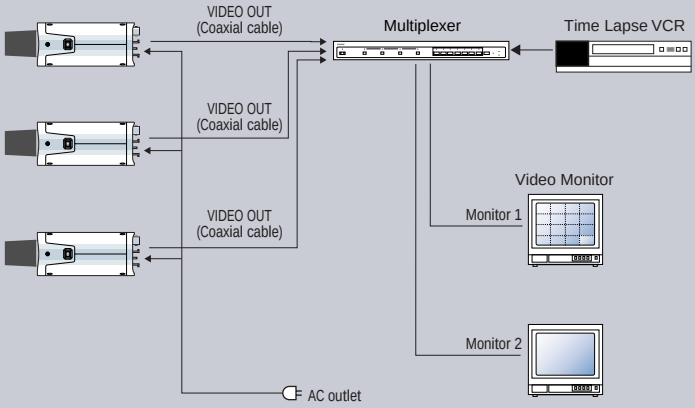
1. SSC-M183CE/M383CE



2. SSC-M188CE/M388CE



Multiple Camera Operation (In case of Line Lock)



DC servo/video servo lens connection capability

The SSC-M183CE/M188CE/M383CE/M388CE cameras can connect easily with either DC servo or video servo lenses.

Variety of power requirements

To accommodate user requirements, these cameras offer choice of two power sources. The SSC-M183CE/M383CE models accept either AC 24 V or DC 12 V power sources, with automatic switching, while the SSC-M188CE/M388CE operates using AC 220 V to 240 V.

CCD IRIS

This function allows the use of a manual iris lens instead of a more costly automatic iris lens. As the scene illumination level increases, this camera responds by automatically reducing the exposure time of the photosensors. This is achieved by changing the electronic shutter speed of the CCD, in the range of 1/50 to 1/100,000 of a second.

CS-mount

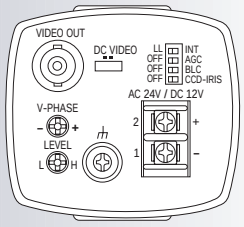
The cameras can be used with CS-mount lenses, enabling you to easily accomplish precise back-focus adjustments.

Specifications

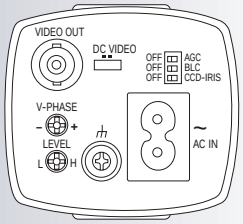
	SSC-M183CE	SSC-M188CE	SSC-M383CE	SSC-M388CE
Image device	1/3 type Interline Transfer CCD			
Picture elements (H x V)	500 x 582		752 x 582	
Sensing area	1/3 type format (4.8 x 3.6 mm)			
Signal system	CCIR standard			
Sync. System	INT/LL	LL	INT/LL	LL
Horizontal resolution	380 TV lines		570 TV lines	
Lens mount	CS			
Minimum illumination	0.03 lx at F1.2 (30 IRE, AGC ON, Turbo mode) 0.06 lx at F1.2 (50 IRE, AGC ON, Turbo mode) 0.25 lx at F1.2 (100 IRE, AGC ON, Turbo mode)		0.04 lx at F1.2 (30 IRE, AGC ON, Turbo mode) 0.07 lx at F1.2 (50 IRE, AGC ON, Turbo mode) 0.3 lx at F1.2 (100 IRE, AGC ON, Turbo mode)	
AGC	ON/OFF (switchable)			
CCD IRIS	ON/OFF (switchable), 1/50 to 1/100,000 s			
Back-Light Compensation (BLC)	ON/OFF (switchable)			
S/N ratio	More than 50 dB (AGC OFF, Weight ON)			
Video out	1.0 V peak to peak at 75Ω, sync. negative			
Operating temperature	-10°C to 50°C (14°F to 122°F)			
Storage temperature	-40°C to 60°C (-40°F to 140°F)			
Power requirements	DC 12 V ±10% or AC 24 V ±10%, 50Hz	AC 220 V to 240 V ±10%, 50Hz	DC 12 V ±10% or AC 24 V ±10%, 50Hz	AC 220 V to 240 V ±10%, 50Hz
Power consumption	2.5 W	2.5 W	2.6 W	2.6 W
Mass	360 g (13 oz)	390 g (14 oz)	360 g (13 oz)	390 g (14 oz)
Auto iris lens	DC/video servo (switchable)			
Dimensions (W x H x D)	60 x 54 x 120 mm (2 3/8 x 2 1/4 x 4 3/4 inches)			
Supplied accessories	Lens mount cap (1), Operating instruction (1), Power cable (x 1, for SSC-M188CE/M388CE)			

Rear View

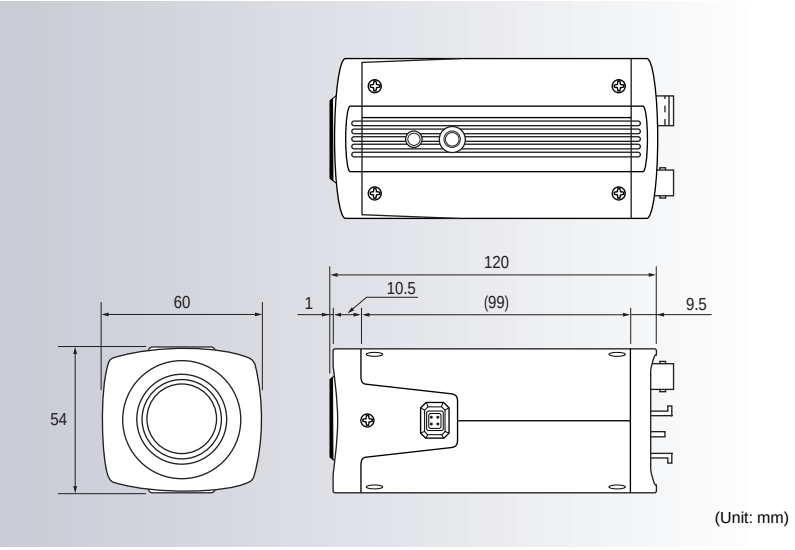
SSC-M183CE/M383CE



SSC-M188CE/M388CE



Dimensions



(Unit: mm)

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