

**SSC-MX13VCE/MX18VCE
SSC-CX13VP/CX18VP**

**VARI-FOCAL BUILT-IN
LENS CAMERA**

Sony introduces the SSC-MX13VCE, SSC-MX18VCE, SSC-CX13VP and SSC-CX18VP – four high-resolution, vari-focal built-in lens video cameras – to its line-up of surveillance video cameras.



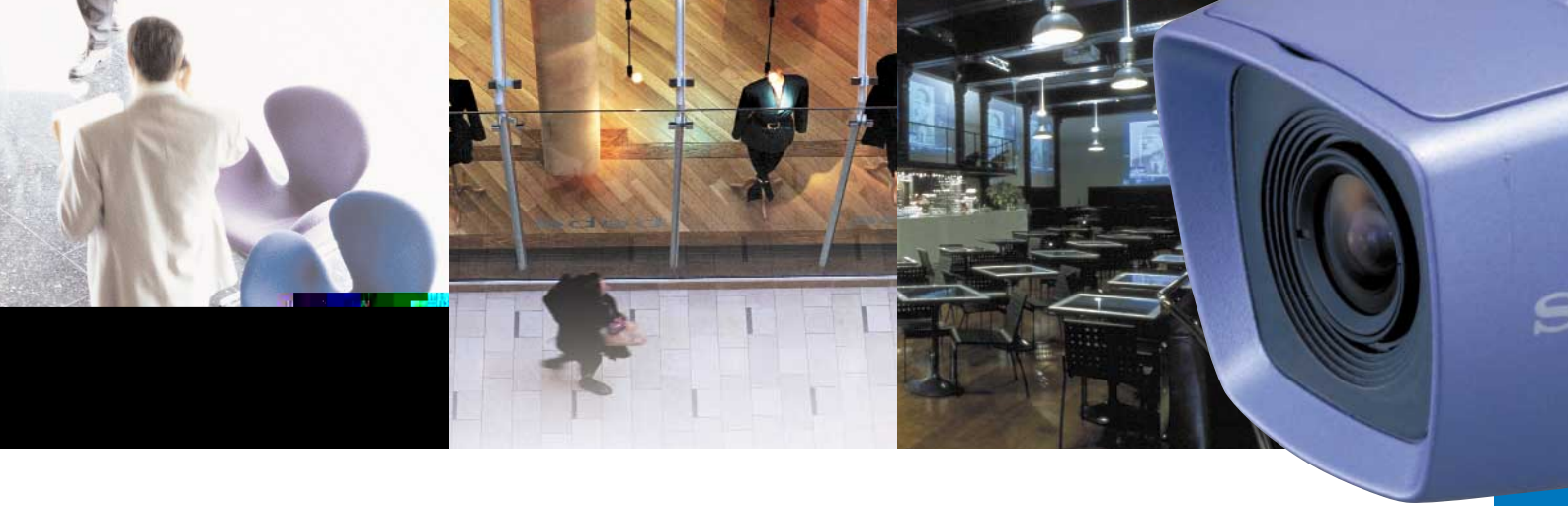
Easy to install even for the non-specialist installer, the high quality vari-focal lens requires only two simple adjustments to achieve the ideal viewing area. Fitting and back focusing a separate lens is no longer necessary thus saving installers valuable time and money.

The all-in-one, stylish, lightweight body, and the original Sony compact design make the cameras perfectly suitable for commercial and fashionable facilities such as department stores, shopping malls, retail shops, museums and banks.



Offering high performance, easy installation and providing excellent cost-performance ratio, these new cameras from Sony are the right choice for a wide range of surveillance applications where unobtrusive CCTV monitoring is required.

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SIMPLE TO INSTALL. STYLISH DESIGN.

Built-in auto iris vari-focal lens

Because the cameras are equipped with an integrated 1/4 type vari-focal lens it is not necessary to choose a lens, thus saving time and installation costs. With a focal length from 2.8 to 5.8 mm, an equivalent of 2 x zoom ratio, and a large angle of view range: 75.9° to 37.8° (H), 56.4° to 28.4° (V) a wide range of viewing areas can be covered. The focal length and focus can easily be adjusted by opening the cover on top of the camera. The cover is attached to the camera and flips open allowing adjustment without use of tools and can be conveniently done with one hand. The lens has auto iris capability that allows the cameras to automatically adjust to fluctuations in extreme light levels.

Compact and Stylish design

The compact design allows the camera to be installed in space-limited locations. The stylish blue and silver design is perfectly suited to various commercial and fashionable facilities. These cameras are ideal for virtually any environment where unobtrusive monitoring is required, such as retail shops and museums where an explicit message of 'surveillance' is often undesirable.

High picture quality and sensitivity

Incorporated 1/4 type IT Super HAD CCD allows the cameras to realise minimum illumination of 0.3 lx (SSC-MX13VCE/MX18VCE) or 1.8 lx (SSC-CX13VP/CX18VP) at F1.4 (50 IRE, AGC on, TURBO on) and achieve a horizontal resolution of over 570 TV lines (SSC-MX13VCE/MX18VCE) or 480 TV lines (SSC-CX13VP/CX18VP), and ensures excellent signal-to-noise ratio of 50 dB or more.

Variety of power requirements

To accommodate user requirements, the cameras provide a choice of two types of power source. The SSC-MX13VCE and SSC-CX13VP are acceptable to either AC 24 V or DC 12 V with automatic switching, while the SSC-MX18VCE and SSC-CX18VP operate on AC 220-240 V.

Easy Installation

In addition to the easy set-up the integral lens allows, tripod mounting holes are provided on the top and bottom of the camera body. Therefore, a tripod adapter is not required for installation. Easy camera function set-up via arranged DIP switches and mechanical volumes on the rear panel further allow for easy installation.

AC Line Lock Capability (AC only)

These cameras feature AC line lock for external synchronisation. Using the AC power frequency (50 Hz) as the vertical sync reference provides roll-free switching in multi-camera installations. These cameras also have an externally adjustable Vertical Phase control, so that completely accurate synchronisation can be attained.

AGC/Turbo AGC improves sensitivity

The Sony vari-focal built-in lens cameras are equipped with a Turbo AGC function which boosts the camera's video gain up to 24 dB allowing a subject under low illumination to be distinguished more clearly. Turbo AGC (up to 24 dB)/Normal AGC (up to 18 dB) are switchable.



**SSC-MX13VCE/MX18VCE
SSC-CX13VP/CX18VP**
(Actual size)



**Easy
installation**



**Built-in
auto iris
vari-focal lens**

BLC (Back Light Compensation)

Strong backlight can often cause the subject of the picture to be cast into shadow. The BLC function automatically compensates for backlight conditions on the centre of the picture to make the subject more easily visible by providing an improved level of object recognition.

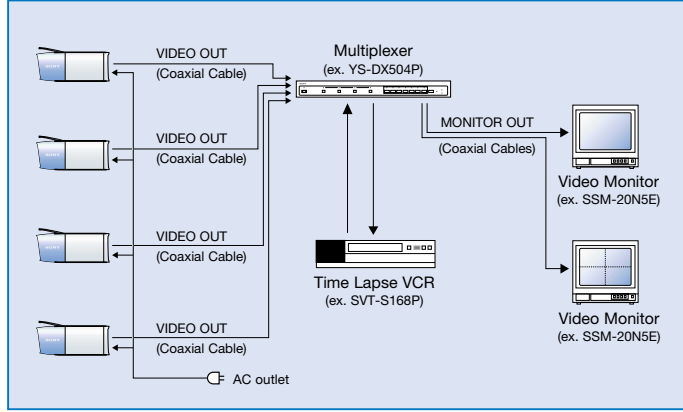
Wide range ATW (SSC-CX13VP/CX18VP)

The white balance can be automatically adjusted in response to light conditions; such that pictures with an appropriate colour balance can always be obtained. ATW colour range: 2200 K to 10000 K.

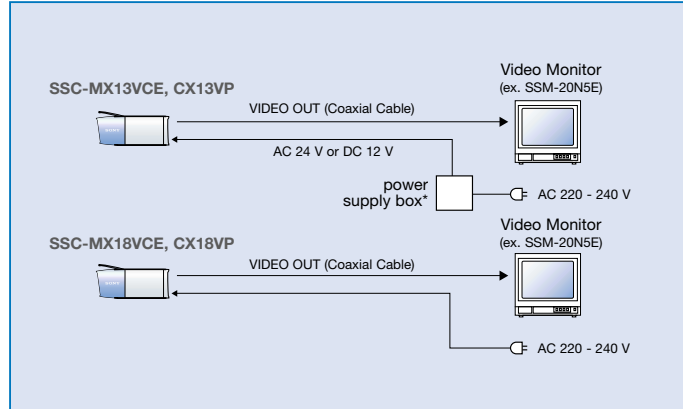
DSP (SSC-CX13VP/CX18VP)

These cameras include DSP (Digital Signal Processing) LSI (Large Scale Integration) technology to deliver excellent picture performance. This technology also provides outstanding stability over long periods of time and a level of reliability that cannot be achieved with analogue signal processing.

Multiple camera operation



Single camera operation

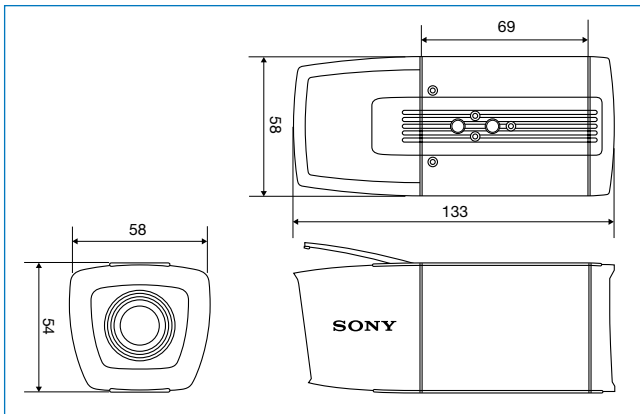


* In case of AC 24 V / DC 12 V powered model, power supply box is needed.

SPECIFICATIONS

	SSC-MX13VCE	SSC-MX18VCE	SSC-CX13VP	SSC-CX18VP
Image device	1/4 type Interline Transfer CCD			
Sensing area	1/4 type format (3.6 x 2.7 mm)			
Scanning system	625 lines 50 fields / 25 frames, 2 : 1 interlaced			
Effective picture elements	752 (H) x 582 (V)			
Signal system	CCIR			PAL
Synchronization system	Internal/Line lock (AC operation) switchable			
Video signal	1.0 Vp-p, 75 Ω, negative sync			
Horizontal resolution	570 lines			480 lines
S/N ratio	More than 50 dB (AGC Off, Weight On)			
Minimum illumination	0.2 lx at F1.4 (30 IRE, AGC ON, TURBO ON) 0.3 lx at F1.4 (50 IRE, AGC ON, TURBO ON)		1.1 lx at F1.4 (30 IRE, AGC ON, TURBO ON) 1.8 lx at F1.4 (50 IRE, AGC ON, TURBO ON)	
AGC	On/Off switchable, Turbo AGC / Normal AGC switchable			
White balance	—			ATW (2200 to 10000 K)
BLC	ON (Center measured) / OFF switchable			
Built-in lens	Vari-focal lens (f = 2.8 to 5.8 mm, F1.4)			
View angle	Wide: 95.7° (D), 75.9° (H), 56.4° (V) Tele: 47.3° (D), 37.8° (H), 28.4° (V)			
Minimum object distance	0.2 m			
Iris	Auto iris			
Power requirement	AC 24 V ±10 % (50 Hz) or DC 10.8 to 15.6 V	AC 198 to 264 V (50 Hz)	AC 24 V ±10 % (50 Hz) or DC 10.8 to 15.6 V	AC 198 to 264 V (50 Hz)
Power consumption	1.8 W	2.0 W	3.0 W	2.8 W
Dimensions	58 (W) x 54 (H) x 133 (D) mm (2 3/8 x 2 1/4 x 5 1/4 inches)			
Mass	Approx. 250 g (8.2 oz)			
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 %, Non-condensing			
Storage Humidity	20 % to 95 %, Non-condensing			
MTBF	20.0 years		18.4 years	
Supplied accessories	Operation instructions AC cable (SSC-MX18VCE/CX18VP)			

Dimensions (Unit : mm)



Rear View



Sony address/contact details/dealer stamp

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CA SSC-MX13VCE/MX18VCE-SSC-CX13VP/CX18VP/GB- / / 2002