

SONY®

PAL

Colour Video Cameras

SSC-DC193P/DC198P/ DC393P/DC398P



Lens is optional.

Colour Video Cameras

SSC-DC193P/DC198P/DC393P



Sony's new versatile and stylish SSC-DC193P/DC198P/DC393P/DC398P colour cameras are specifically designed for surveillance and monitoring applications ranging from building and airport security to banking and retail 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, these cameras incorporate Sony's DSP (Digital Signal Processing) technology providing a high level of stability and reliability that cannot be achieved with an analogue signal processor. The SSC-DC193P and SSC-DC393P offer dual power capability (AC 24 V and DC 12 V) to safeguard against unwanted power supply compatibility issues, while the SSC-DC198P and DC398P utilise an AC 220 V to 240 V power source.

The SSC-DC193P/DC198P/DC393P/DC398P 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, Auto-Tracing White Balance, 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-DC193P/DC198P/DC393P/DC398P 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-DC393P/DC398P 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-DC393P/DC398P cameras provide 480 TV lines and a minimum illumination of 0.7 lx at F1.2 (50 IRE).

The SSC-DC193P/198P cameras incorporate a 1/3 type IT Super HAD CCD™ that achieves a horizontal resolution of 330 TV lines and a minimum illumination of 0.6 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-DC193P/DC393P) or 390 g (SSC-DC198P/DC398P), 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.

DSP technology

These new cameras incorporate Sony's Digital Signal Processing (DSP) technology for powerful picture contrast controls. Providing outstanding stability over long periods of time and reliability levels unattainable with analog signal processors, the SSC-DC193P/DC198P/DC393P/DC398P colour cameras capture superb images under various lighting conditions.

DC398P

SONY

ExwaveHAD

Back-Light Compensation (BLC)

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.

DC servo/video servo lens connection capability

The SSC-DC193P/DC198P/DC393P/DC398P cameras can connect easily with either DC servo or video servo lenses.

Variety of power requirements

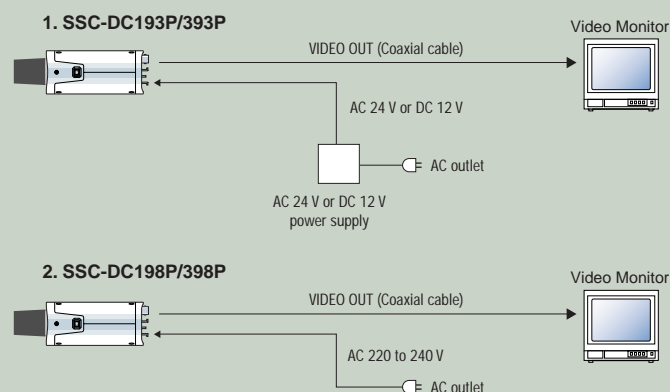
To accommodate user requirements, these cameras offer choice of two power sources. The SSC-DC193P/DC393P models accept either AC 24 V or DC 12 V power sources, with automatic switching, while the SSC-DC198P/DC398P operates using AC 220 V to 240 V.

CCD IRIS

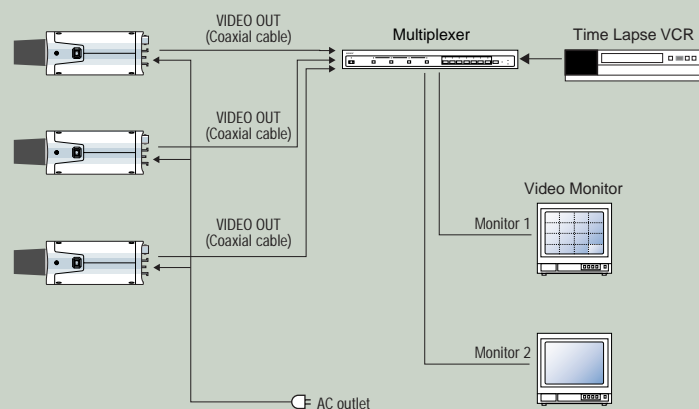
This function allows the use of a manual iris lens instead of a more costly automatic iris lens. As the scene illumination level increases, these cameras respond by automatically reducing the exposure time of the photosensors. This is achieved by changing the electronic shutter speed of the CCD, in the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

Typical System

Single Camera Operation



Multiple Camera Operation (In case of Line Lock)



CS-mount

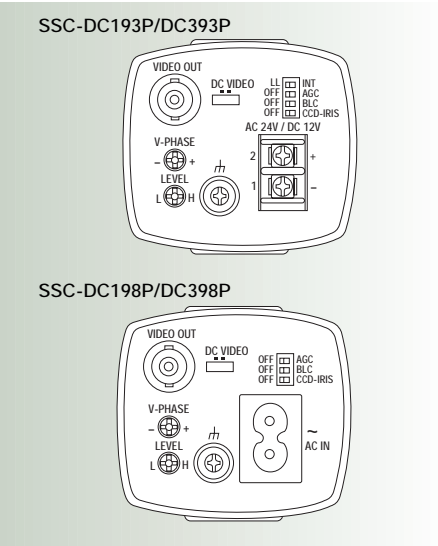
These cameras can be used with CS-mount lenses, allowing for easy and precise back-focus adjustments.



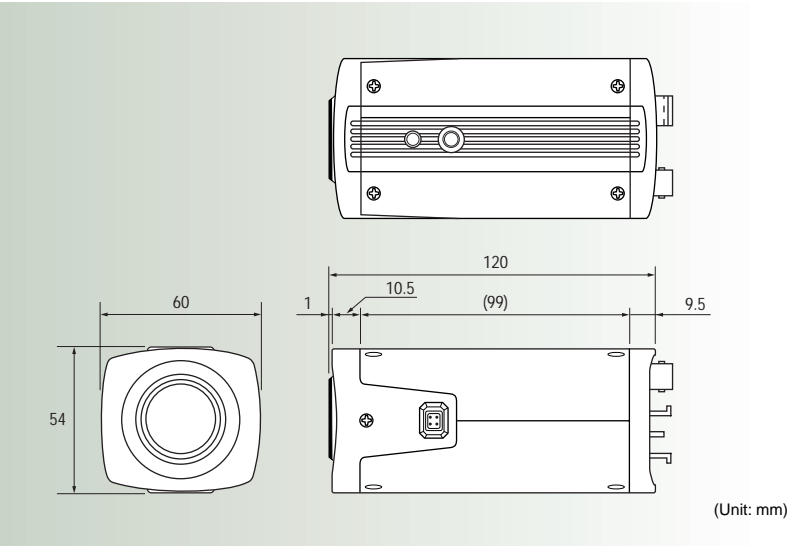
Specifications

	SSC-DC193P	SSC-DC198P	SSC-DC393P	SSC-DC398P
Image device	1/3 type Interline Transfer			
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	PAL standard			
Sync. System	INT/LL	LL	INT/LL	LL
Horizontal resolution	330 TV lines		480 TV lines	
Lens mount	CS			
Minimum illumination	0.3 lx at F1.2 (30 IRE, AGC ON, Turbo mode) 0.6 lx at F1.2 (50 IRE, AGC ON, Turbo mode) 3.0 lx at F1.2 (100 IRE, AGC ON, Turbo mode)		0.35 lx at F1.2 (30 IRE, AGC ON, Turbo mode) 0.7 lx at F1.2 (50 IRE, AGC ON, Turbo mode) 3.5 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			
White Balance (WB)	ATW			
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	-40vC to 60°C (-40°F to 140°F)			
Power requirements	AC 24 V ±10%, 50 Hz or DC 12 V ±10%	AC 220 V to 240 V ±10%, 50 Hz	AC 24 V ±10%, 50 Hz or DC 12 V ±10%	AC 220 V to 240 V ±10%, 50 Hz
Power consumption	3.5 W	3.7W	3.7 W	4.2 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-DC198P/DC398P)			

Rear View



Dimensions



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