

Outstanding Features

High Picture Quality

SSC-C108P/C104P cameras incorporate a 1/3-inch IT (Interline Transfer) Hyper HAD CCD with 290,000 effective picture elements. This allows these cameras to attain a horizontal resolution of 330TV lines and high sensitivity with a minimum illumination of 1.2 lx at F1.2 (50 IRE, AGC ON with Turbo mode) and an excellent signal-to-noise ratio of 52dB.

Backlight Compensation Function

If the subject is against the light and is in shadow, SSC-C108P/C104P cameras can automatically compensate for the backlight condition by switching the BLC switch to ON, making the subject more easily visible. This feature adds greater flexibility to surveillance and monitoring systems.

Advanced Turbo AGC

In addition to the conventional AGC function, SSC-C108P/C104P cameras are equipped with a new advanced Turbo AGC function, which automatically boosts the camera's video gain over the AGC range so that the subject under low illumination can be distinguished more clearly. This feature affords more certainty to surveillance and monitoring operation.

CCD IRIS Function

This function allows the use of a manual iris lens instead of a more costly automatic iris lens. As the scene illumination level increases, SSC-C108P/C104P 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 of a second to 1/100,000 of a second. This feature also provides clear motion pictures under appropriate light conditions.

Automatic White Balance Control

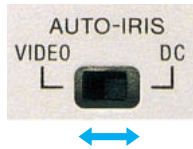
SSC-C108P/C104P cameras incorporate a wide-range ATW (Auto Tracing White Balance) function. It adjusts the white balance automatically in response to the lighting conditions so that pictures with an appropriate colour balance can always be obtained.

AC Line Lock Capability

SSC-C108P/C104P cameras feature AC Line Lock for external synchronization. Using the AC power frequency (50Hz) as the vertical sync reference provides roll-free switching in multi-camera installations. In addition, as SSC-C108P/C104P cameras have an externally adjustable Vertical Phase ($\pm 90^\circ$) control, completely accurate synchronization can be attained.

DC and Video Servo Auto Iris Lens Connection Capability

SSC-C108P/C104P cameras are equipped with a 4-pin auto iris connector for the attachment of auto iris lenses. Either a DC or a VIDEO servo type auto iris lens can be attached.



C/CS-mount Lens Compatibility

SSC-C108P/C104P cameras can be used either with C-mount or CS-mount lenses and precise back-focus adjustment can be easily accomplished. This broadens your choice of lens.

Optional Accessories

Auto iris Lenses (DC servo/CS-mount)

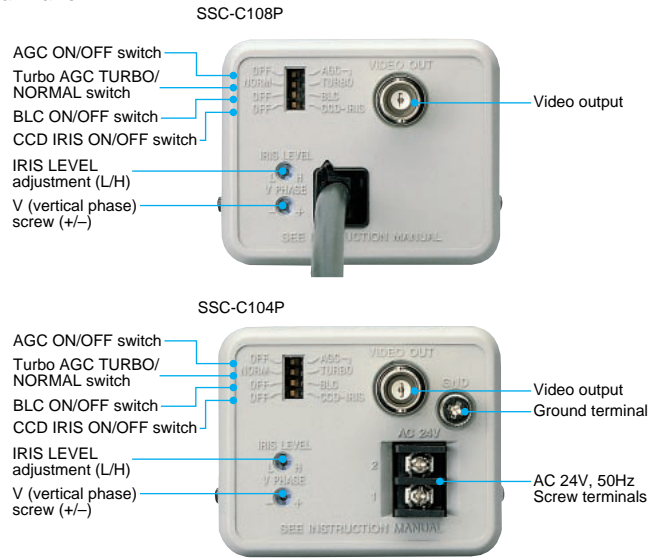
Models	VCL-3V8WEAP	VCL-S02WEAP	VCL-S04WEAP
Focal length	3.5 to 8.0mm	2.8mm	4.0mm
Maximum aperture ratio	1 : 1.8	1 : 1.3	1 : 1.4
Maximum object distance	0.2m		
Filter size	M30.5 × 0.5mm		
Mass	70g (2oz)	41g (1.4oz)	75g (3oz)
Dimensions (dia. × H × L)	42.0 × 52.0 × 47.0mm (1 11/16 × 2 1/8 × 1 7/8 inches)	32.0 × 39.8 × 33.0mm (1 5/16 × 1 5/8 × 1 5/16 inches)	42.0 × 39.8 × 33.0mm (1 11/16 × 1 5/8 × 1 5/16 inches)
Cable length	260mm (10 1/4 inch)	310mm (12 1/4 inch)	260mm (10 1/4 inch)

Mounting Bracket (for indoor use)

Model	YT-B21
Supplied accessories	Mounting screw (× 4) Operating instruction manual
Maximum load	2kg (4lb 6oz)
Mass	200g (7oz)



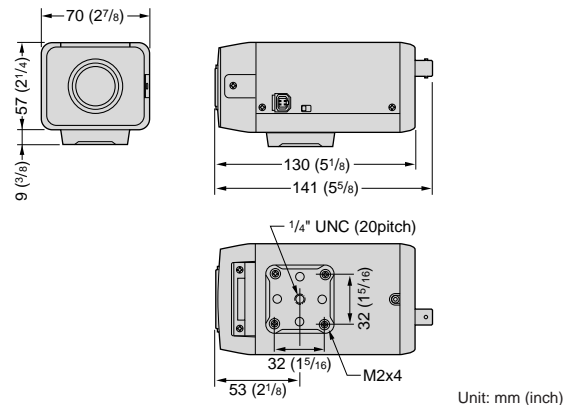
Rear Panel



Specifications

	SSC-C108P	SSC-C104P
Image device:	1/3-inch Interline Transfer Hyper HAD CCD	
Picture elements:	500 (H) × 582 (V)	
Sensing area:	4.4 × 3.3mm	
Signal system:	PAL standard	
Sync system:	External with AC line lock	
Phase control:	V phase adjustment ($\pm 90^\circ$)	
Horizontal resolution:	330TV lines	
Lens mount:	C/CS mount adjustable	
Minimum illumination:	AGC ON (Turbo mode) 0.9 lx at F1.2 (40 IRE) 1.2 lx at F1.2 (50 IRE)	
Enhancer:	3H	
Automatic gain control (AGC):	TURBO/NORMAL/OFF switchable	
CCD IRIS control:	ON/OFF switchable, 1/50 to 1/100000 (second)	
White balance:	ATW (Auto Tracing White Balance)	
Backlight compensation:	BLC ON/OFF switchable	
Signal-to-noise ratio:	More than 52dB (Weight ON, AGC OFF)	
Video out:	BNC, 1.0Vp-p, 75Ω, sync negative	
Operating temperature:	-10 to 50°C (14° to 122°F)	
Storage temperature:	-40 to 60°C (-40 to 140°F)	
Power requirements:	AC 230V, 50Hz	AC 24V, 50Hz
Power consumption:	4.0W	3.5W
Mass:	550g (1lb 2oz)	760g (1lb 11oz)
Auto iris type:	DC/VIDEO servo type	
Connectors:	VIDEO OUT (BNC)	VIDEO OUT (BNC), AC 24V terminals, GND
	LENS (4-pin)	Pin DC servo VIDEO servo
		1 Control (-) Power (DC 9V, 50mA)
		2 Control (+) Not connected
		3 Drive (+) Video
		4 Drive (-) (GND) GND
Supplied accessories:	Lens connector, lens mount cap, operating instruction manual	

Dimensions:



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