



Super Sensitivity Monochrome CCD Camera

CT-220 series

CT-220 series is the 1/3" Monochrome CCD camera designed for general CCTV security and industrial as well as microscopic applications, utilizing the latest State-of-the-Art manufacturing technologies.

With the super low light sensitivity CCD sensor (EXview CCD by SONY), 0.0003lux minimum scene illumination could be achieved for usable picture.

CT-221L/225L with regular length suitable for CCTV security application and CT-221S/225S with reduced length.

Features:

1/3" EXview CCD sensor (SONY)

High resolution 570TV lines

AGC On/Off, High/Low selectable

Backlight compensation, selectable photometry are

Electronic shutter (CCD iris) to 1/100,000sec.

0.0003lux scene illumination

Easy access to mode setting by DIP switch

S/N 50dB or more

RS232C Controllable (option)



CT-221L / 225L

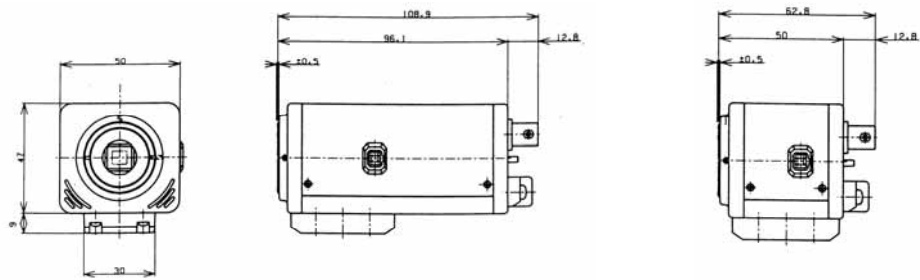
CT-221S / 225S

Rear panel

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External appearance

CT-220 series



: mm

CT-220KL/220KS series

This is the derived model from CT-220 series, and is provided with the additional switch for selecting the type of auto iris lens.

Either Video-drive type or DC-drive type of auto iris lens can be installed on this model.

Otherwise, same performance as basic CT-220 series.

Specifications

	CT-221L/221S	CT-225L/225S
CCD	1/3" CCD, SONY EXview type, High resolution	
Number of effective elements	EIA : 768 x 494	CCIR : 752 x 582
Sync. System	Internal	
Scanning system	2:1 interlace	
Video output	VS 1.0Vp-p, 75ohms	
Horizontal resolution	570TV lines	
S/N ratio	Greater than 50dB (AGC Off)	
Electric shutter	1/60 (1/50 for CCIR) - 1/100,000 sec.	
Gamma	0.45 or 1.0 switchable	
AGC	Off / On(High-Low) selectable	
Min. scene illumination	0.0003 lux F1.2 with AGC ON (High gain mode)	
Lens mount	CS-Mount	
Auto iris lens	Video-drive type only *	
Power requirement	12VDC \pm 10%, 180mA max.	
Storage temperature	-30 to +70	
Operating temperature	-10 to +40	
Weight	CT-221L : 130g	CT-225L : 130g
	CT-221S : 105g	CT-225S : 105g
Dimensions (WxHxL)	CT-221L : 50x47x96mm	CT-225L : 50x47x96mm
	CT-221S : 50x47x50mm	CT-225S : 50x47x50mm

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Product made in Japan