

SM-190/170

1/3" B/W Mini Camera



Features

- 1/3" B/W SONY Super HAD CCD sensor
- High sensitivity, and low lux performance
- Auto Electronic Shutter (AES) and Auto Gain Control
- Small size : 36 x 36 x 23 mm
- Available in vary kind of board lenses or pinhole lens



Specifications :

Model No.		SM-190	SM-170
Pickup Device		B/W SONY 1/3" Super HAD CCD	
Pickup Elements	EIA	768 (H) X 494 (V)	510 (H) X 492 (V)
	CCIR	752 (H) X 582 (V)	500 (H) X 582 (V)
Scanning System	EIA	2:1 Interlace, V: 60Hz, H: 15.750KHz	
	CCIR	2:1 Interlace, V: 50Hz, H: 15.625KHz	
Sync. System		Internal Sync.	
Video Output		1 Vp-p Composite Output, 75 ohms	
Lens		Board lens f=3.6, 4.3, 6, 8 mm/F=2.0; pinhle lens f=3.7mm	
Resolution		600 TV Lines (Horizontal)	420 TV Lines (Horizontal)
Gamma Correction		0.45	
Minimum illumination		0.2 Lux / F=2.0	0.1 Lux / F=2.0
S/N Ratio		> 48 dB, AGC off	
Shutter Control	EIA	Auto: 1/60 to 1/100,000 Sec.	
	CCIR	Auto: 1/50 to 1/100,000 Sec.	
Gain Control		Auto	
Power Source		DC 12V \pm 10%	
Power Consumption		110 mA	
Operating Temp		-10°C~50°C (14°F~122°F)	
Dimensions		36 (W) X 36 (L) X 23 (H) mm	
Weight		Approx. 23 g	

Design and specifications are subject to change without prior notice.