

CCD CAMERAS

1/3" B/W Camera

SBC-320/SBC-340/SBC-321/SBC-341



Features

- ▶ 1/3 inch IT CCD (Approx. 270,000 picture elements for SBC-320/SBC-340 or 410,000 picture elements for SBC-321/SBC-341) offers more than 380 lines (SBC-320/SBC-340) or 550 lines (SBC-321/SBC-341) of horizontal resolution.
- ▶ Excellent signal-to-noise for 50dB.
- ▶ High sensitivity with a minimum scene illumination of 0.1/0.2lux (F1.2, 50IRE).
- ▶ BLC covers various light conditions.
- ▶ Accepts CS and C mount lenses without adaptor.
- ▶ Accepts 2 types of auto iris lenses. (DC servo type and video servo type)
- ▶ No interference from magnetic or electric fields.
- ▶ Built-in anti-ground loop isolation transformer.

Specifications

MODEL	SBC-320	SBC-340	SBC-321	SBC-341
Scanning system	EIA standard: 525 lines, 30 frames/sec			
Image device	Interline Transfer CCD			
Image size	1/3 inch (Approx. 4.8mm x 3.6mm)			
Picture elements	537(H) x 505(V) : All picture elements		811(H) x 508(V) : All picture elements	
	510(H) x 492(V) : Effective picture elements		768(H) x 494(V) : Effective picture elements	
Geometry	No geometric distortion			
Synchronizing system	Internal	Internal/Line-lock	Internal	Internal/Line-lock
Interlace	2:1 Interlace			
Resolution	Horizontal: 380 TV Lines Vertical: 350 TV Lines		Horizontal: 550 TV Lines Vertical: 350 TV Lines	
	Video output level: 1.0Vp-p (75 ohms, composite)			
S/N	More than 50dB			
Min. scene illumination	0.1 Lux @ F1.2 (50IRE)		0.2 Lux @ F1.2 (50IRE)	
Gamma correction	0.45			
Lens mount	C/CS compatible			
Ar lens	DC/VIDEO			
Controls (switch)	ELC: ON/OFF BLC: ON/OFF AGC: ON/OFF			
		SYNC: Internal/Line-lock (V PHASE control)		SYNC: Internal/Line-lock (V PHASE control)
Input/output sockets	VIDEO OUTPUT: BNC (rear), AI LENS: 4-pin DIN (side) POWER: 3-pin term. (rear)			
Environmental conditions	Operating Temperature: 14° F ~ 122° F (- 10° C ~ 50° C) Humidity: Within 90% RH			
Power indicator	LED (rear)			
Power requirements	DC 12V	AC 24V	DC 12V	AC 24V
Power consumption (Max)	3.5W	4.0W	3.5W	4.0W
Dimensions (WxHxD)	65 x 52 x 133mm (2.6" x 2.1" x 5.2")			
Weight	Approx. 430g			

Rear Panel



Dimensions

