

SDC-313B

SAMSUNG TECHWIN



1/3" High Resolution Camera

Overview

The SDC-313B is a value-priced high resolution camera with absolutely no compromise on quality. High resolution color images, intelligent motion detection, privacy masking and on-screen display menus for easy setup are all supplied as standard with the SDC-313B. And unique to Samsung Techwin, the camera incorporates SSNR, Samsung Techwin's Super Noise Reduction technology that improves low light performance and saves DVR disk space.



Features

- 1/3" Interline Transfer CCD
- SSNR digital noise reduction saves DVR storage space
- High resolution of 530TV lines
- Min. Illumination of 0.3Lux@F1.2 (Color)
0.002Lux@F1.2 (Color sens-up)
- Privacy masking with 4 programmable zones
- Back light compensation
- Motion detection
- OSD (On Screen Display)
- S/N ratio of 50dB
- Voltage : 24V AC (SDC-313BNA)
12V DC (SDC-313BPD)

Technical Specifications

	SDC-313BNA	SDC-313BPD
ELECTRICAL		
Input Voltage	24V AC	12V DC
Power Consumption	Max. 3.5W	Max. 2.5W
VIDEO		
Imaging Device	1/3" Interline Transfer CCD	
Total Pixels	811(H) x 508(V)	795(H) x 598(V)
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)
Scanning System	2 : 1 Interlace	
Synchronization	Internal / Line lock	
Frequency	H: 15.734KHz / V: 59.94Hz	H: 15.625KHz / V: 50Hz
Horizontal Resolution	530TV lines (Min.)	
Min. Illumination	Color : 0.3Lux (50 IRE@F1.2), 0.002Lux (Sens-up, 128X)	
S / N (Y signal)	50dB	
Video Output	CVBS : 1.0Vp-p / 75Ω	
OPERATIONAL		
On Screen Display	Built-in	
Camera Title	On / Off	
Backlight Compensation	Low / Medium / High / Off	
Motion Detection	On / Off (Output via communication)	
Privacy Masking	On / Off (4 Programmable zones)	
Noise Filter (SSNR)	Low / Medium / High / Off	
Sens-up (Frame Integration)	On / Off (Selectable limit ~ 128X)	
Gain Control	Low / Medium / High / Manual / Off	
White Balance	ATW (Indoor / Outdoor) / AWC / Manual	
Electronic Shutter Speed	Auto (NTSC: 1/60 ~ 1/120,000sec, PAL: 1/50 ~ 1/120,000) / Manual / A.FLK	
Communication	RS-232C	
Protocol	Pelco-D	
Flip	On / Off	
Mirror	On / Off	
ENVIRONMENTAL		
Operating Temperature/Humidity	-10°C ~ +50°C / 20% ~ 80% RH	
Storage Temperature/Humidity	-20°C ~ +60°C / 20% ~ 90% RH	
MECHANICAL		
Dimension (WxHxD)	58 x 52 x 121mm (2.28" x 2.05" x 4.76")	
Weight	340g (0.75 lb)	310g (0.68 lb)
Lens Mount	C / CS	

Dimensions

Unit : mm (inch)

