

24-hour surveillance



Day & Night Color Camera

SDN-500



Lighting conditions are no longer a consideration when installing a surveillance system. In low light, SDN-500 enables users to get clear image with day & night function. With Samsung SSNR, the SDN-500 reduces random and fixed noise under low illumination and produces a higher Signal to Noise ratio and no Ghost Effect. And the unit achieves a horizontal resolution of 480 TV lines and a minimum illumination of 0.3 Lux at F1.2. Moreover, the camera's recorded image is smaller than that of normal cameras. This increases the recording capacity of a DVR under low illumination. The camera has the effect of reducing a DVR's recorded file size by 70 percent when using a MPEG format DVR and 40 percent when using a JPEG format DVR.



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- ▶ 1/3" Sony Super HAD CCD with 410,000 pixels
- ▶ Day & night function
- ▶ Clear & Crisp image with SSNR
- ▶ Min. 0.3 Lux at F1.2
- ▶ High resolution of 480TVL
- ▶ Powerful backlight compensation
- ▶ Motion Detection
- ▶ Built-in AGC
- ▶ Selective electronic shutter control (Video/DC/ESC)
- ▶ Moving lens mount
- ▶ Approval : UL, FCC, CE

Specification

Mode	SDN-500N	SDN-500ND	SDN-500P	SDN-500PD
Power Source	24VAC / 12VDC 60Hz	12VDC	24VAC / 12VDC 50Hz	12VDC
Power Consumption	24VAC : 6.0W / 12VDC : 6.5W	4.5W	24VAC : 6.0W / 12VDC : 6.5W	4.5W
SYNC. System	INT/LL selectable	INT only	INT/LL selectable	INT only
Image Pick-up Devise	1/3" color interline-transfer CCD			
Total Pixels	811(H) x 508(V)		795(H) x 596(V)	
Effective Pixels	768(H) x 494(V)		752(H) x 582(V)	
Scanning	2 : 1 Interlaced(NTSC) 525Lines / 60Fields / 30Frames		2 : 1 Interlaced(PAL) 625Lines / 50Fields / 25Frames	
Scanning Frequency	15.734KHz(H) / 60Hz(V)		15.625KHz(H) / 50Hz(V)	
Video Output	1Vp-p NTSC Comp		1Vp-p PAL Comp	
Min. Illumination	0.3Lux / F1.2 (AGC ON)			
S/N Ration	more than 50dB (AGC OFF, Weight ON)			
Resolution	more than 480TV Lines			
Auto Iris	VIDEO / DC IRIS selectable (DC IRIS Level Adjustable)			
Electronic Shutter	ON / OFF selectable (ON : 1/60~100,000sec) / (OFF : 1/60sec)		ON / OFF selectable (ON : 1/50~100,000sec) / (OFF : 1/50sec)	
SSNR	Built-in			
Backlight Compensation	ON / OFF selectable			
AGC	ON / OFF selectable			
Flickerless	ON / OFF selectable			
Day & Night	ON / OFF selectable			
White Balance	ATW1 / ATW2 / AWC / MWB selectable			
MIRROR	ON / OFF selectable			
Motion Detection	ON / OFF selectable (Built-in Alarm output jack)			
Operating Temperature	-10°C ~ +50°C / 30%-90% RH			
Dimension	55(W) X 50(H) X 128(D) mm			
Weight (Without Lens)	360g	310g	360g	310g

Dimension



www.samsungcctv.com

Design and specifications are subject to change without notice.

■ DISTRIBUTED BY

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