

Color Image at night with Intensified Low Light function



NEW
3-AXIS
DOME DESIGN



600 NIGHT TVL
0.002 NIGHT LUX

Service Video-Out
Easy Flip Cover
3-Axis Easy Angle Adjustment

- High Quality Dome Camera for Special Installation
- 580 TV Line High Resolution
- Color Image at Night with 0.002 Low Lux
- SDNR - Super Digital Noise Reduction
- Auto Filter Change
- DC 12V or AC 24V Dual Power ^(DO 584FV)

DO 584FV 580TVL / 2.8~12mm AVF Lens / Auto IR-cut filter change
DC12V / AC 24V Dual Power

DO 582FV 580TVL / 2.8~12mm AVF Lens / Auto IR-cut filter change / DC 12V

0.002 LUX SENS-UP LOW LIGHT ENHANCEMENT AND SDNR (SUPER DIGITAL NOISE REDUCTION)

The SENS-UP feature of the DO 580 series dome cameras allow for their impressive 0.002 low light lux rating which leads to their superb night time performance ability. In addition, the noise reduction (SDNR: Super Digital Noise Reduction) function helps to improve the total DVR recording time up to 30%.

AUTO FILTER CHANGE

At daytime, IR light is filtered away in the camera by the IR-cut filter in order to render color images that humans are used to. When light conditions are too dark to render color images, the IR-cut filter is automatically removed to enable the camera to make use of the IR light to produce a high quality black & white video. (DO 582FV / DO 584FV)

OSD CAMERA SETUP

DO 580 Series have a small program built-in to the camera to help users to setup the camera function without difficulties. No more reading a manual and tipping dip-switches to configure the camera.

- 1/3" Sony Super HAD CCD sensor
- 2.8~12mm Auto-Iris Zoom Lens
- Auto Filter Change
- 580(H) TV Line
- 0.3 Lux at F1.2 (Color) / 0.002 Lux at F1.2 (Sens-up On)
- OSD (On Screen Display) - Easy camera setup
- SDNR (Super Digital Noise Reduction) - Clear image / more recording time on DVR System
- DC 12V ^(DO 582FV)
- DC 12V / AC 24V Dual Power ^(DO 584FV)

	DO 584FV	DO 582FV
Resolution	580(Color) TV Lines Horizontally	
Image Pick-up Device	Sony 1/3 inch Super HAD CCD	
Picture Elements	811(H) x 508(V) 410K pixels	
Effective Picture Elements	768(H) x 494(V) 380K pixels	
Scanning Area	3.65(H) x 2.74(V) mm	
Scanning System	2:1 Interface/ 525 Lines / 60 Fields / 30 Frames	
Iris Mode	DC Iris	
Lens	2.8~12mm AVF (Auto-Iris Vari-focal) Lens	
Auto Filter Change	Yes	
Minimum Illumination	0.3 Lux at F1.2 / 0.002 Lux (Sens-up x128)	
Sync. System	Internal Only	
Video Output	1.0 Vp-p Comp. 75Ω	
Electronic Iris	x128 ~ 1/60 sec ~ 1/120,000 sec. (Sens-up and Sens-up limit is selectable / Flickerless)	
OSD	Built-in	
Backlight Compensation	Low / Middle / High / Off Selectable	
Gain Control	Low / Middle / High / Off Selectable	
SDNR	Low / Middle / High / Off Selectable	
White Balance	ATW / AWC / Manual / Outdoor (1,800K~10,500K)	
Gamma	r=0.45	
S/N Ratio	50dB (AGC Off, Eight On)	
Operating Temp.	14F ~ 122F	
Power Source	DC 12V / AC 24V Dual Power	DC 12V only
Power Consumption	200mA Max	
Casing / Dimensions	5.5"(D) x 4.0"(H) / 1.1 lbs / Large SuperDome Case	

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