

Long Distance IR Camera with SDNR Function



READY FOR ROUGH WEATHER



- 600 TV Line High Resolution
- Auto-Filter Change (IR 5890FV)
- 105 IR LED up to 200ft range
- OSD - On Screen Display
- SDNR - Super Digital Noise Reduction

- IR 5890** 600 TVL / 105 IR LED / 6mm Fixed Lens
- IR 5890FV** 600 TVL / 105 IR LED / External Adjustable 2.8~12mm Zoom Lens / Auto-Filter Change

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. (ONLY IR5890FV)

EXTERNAL LENS CONTROL

External lens control knobs on back of the camera make installation and setting up the camera easier. The included 2.8~12mm auto-iris lens and adjustable mount gives you the best shot at any angle.

OSD CAMERA SETUP

IR 5800 Series have a small program built-in to the camera to help users to setup the camera function with ease. No more reading a manual and tipping dip-switches to configure the camera. (ONLY IR5890FV)

SDNR (SUPER DIGITAL NOISE REDUCTION)

The noise reduction (DNR: Digital Noise Reduction) function helps to improve the total DVR recording time up to 30%.

- 1/3 inch SONY Super HAD CCD
- 2.8~12mm External Adjustable Auto Iris Vari-focal Lens (IR 5890FV)
- 6mm Fixed Lens (IR 5890)
- Auto-Filter Change (IR 5890FV)
- 600 TV Line in B/W
- SDNR (Super Digital Noise Reduction) - Clear image / more recording time
- OSD (On Screen Display) - Easy camera setup
- 200ft Infrared Range / 105 IR LED
- Weather-Resistant, ideal for outdoor use
- Hidden Cable Mount bracket included: Invisible Video and Power cable
- Auto White Balance (AWB) / Back Light Compensation (BLC) / Auto Gain Control (AGC)
- DC 12V / 2500mA Recommended

IR 5890 / IR 5890FV	
Resolution	580(Color) / 600(B/W) TV Lines Horizontally
Image Pick-up Device	Sony 1/3 inch Super HAD CCD / Samsung original module
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 (only with Auto-Iris Lens) ESC (only with Fixed and Manual-Iris Lens)
Lens	IR 5890FV 2.8~12mm AVF Lens (Ext. Knob Type) IR 5890 6mm Fixed Lens
Minimum Illumination	0.3 Lux at F1.2 / 0.002 Lux (Sens-up x128) / 0 Lux (IR On)
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)
O.S.D	Built-in
Backlight Compensation	Low / Middle / High / Off Selectable
Gain Control	Low / Middle / High / Off Selectable
DNR	Low / Middle / High / Off Selectable
White Balance	ATW / AWC / Manual / Outdoor (1,800°K~10,500°K)
Day & Night	Auto / On
IR LED	105 IR LED up to 200ft
Gamma	γ=0.45
S/N Ratio	50dB (AGC Off, Eight On)
Operating Temp.	14F ~ 122F
Power Source	DC 12V
Power Consumption (Recommendation)	200mA (IR LED off) / 2500mA (IR LED On, Max.)

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