

Controllable Zoom with remote

**READY FOR
ROUGH
WEATHER**



Easy Zoom Control
with Remote Controller

600 NIGHT
300 IR RANGE
FEET

- 3.8~38mm External Adjustable Zoom Lens
- Remote Controller for Zoom
- Auto Focus
- IR Corrected Lens
- Weather-Resistant (IP68)
- Auto-Filter Change
- OSD (On Screen Display)
- SDNR (Super Digital Noise Reduction)

IR X1000 580(C)/600(B)TVL / Auto Filter Change
3.8-38mm AVF / Adjustable zoom with a Remote Controller
152 IR range up to 300FT / Auto focus / OSD / DNR

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.

OSD CAMERA SETUP

IR X1000 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.

SDNR (SUPER DIGITAL NOISE REDUCTION)

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

WEATHER-RESISTANT & SUN-VISOR

The built-in removable sun shield that will help ensure you a clear picture and protect the camera from the elements.

IR-CORRECTED LENS INSTALLED

Use a day & night or monochrome cameras for the IR corrected lenses. Regular color cameras will not be affected by the IR corrected lens. When using the day/night or monochrome cameras, nearly any outdoor, as well as some indoor applications, will require, or at least benefit from using IR corrected lenses. This is because many natural light sources also contain infrared light, lighting changes with a higher infrared, lower infrared, or without infrared at all. When using ordinary lenses, the result is a blurred, or in a worst case scenario, a completely unfocused picture.

- 1/4" Interline Transfer CCD Sony Super HAD CCD
- 3.8~38mm Auto-Iris Vari-focal Lens / Zoom is controllable by using remote (supplied) / Auto-Focus Function / IR corrected
- Auto Filter Change
- 600 TV Line in B/W
- SDNR - Super Digital Noise Reduction - Clear image / more recording time
- OSD - On Screen Display - Easy camera setup
- 300ft Infrared Range / 152 IR LED
- Weather-Resistant, ideal for outdoor use
- Mount bracket included
- Auto White Balance (AWB) / Back Light Compensation (BLC) / Auto Gain Control (AGC)
- DC 12V / 3500mA Recommended

IR X1000	
Resolution	580(Color) / 600(B/W) TV Lines Horizontally
Image Pick-up Device	1/4 inch Interline Transfer 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 (only with Auto-Iris Lens)
Lens	3.8-38mm AVF (Auto-Iris Vari-focal) Lens x10 Optical Zoom
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	300ft / 152 IR LED
Gamma	r=0.45
S/N Ratio	50dB (AGC Off, Eight On)
Operating Temp.	14°F ~ 122°F
Power Source	DC 12V
Power Consumption	220mA (IR LED off) / 3500mA (IR LED On)