

IR OUTDOOR CAMERA

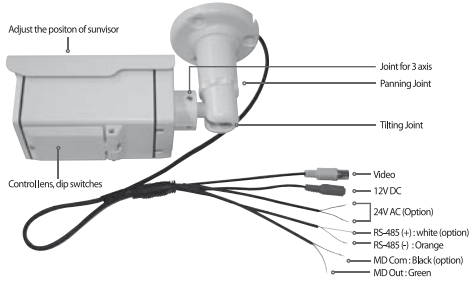
EXT-P97/xx

STRONG POINTS



- "Move & leave" lens zoom and focus adjustment method. Patent no.: 10-1056075
- 750 TV line for B/W, 650 TV line for color
- Wide and long visible range at night. (10m~40m)
- Suitable for 24 hours surveillance with DSS and ICR functions.
- IR LED power control volume available
- This product is made of corrosion-free surface to resist rust and corrosion for a long time.
- This camera has a special lens which always has a correct focus regardless IR light or visible light.
- Power & video cables are concealable. (Cable through bracket)
- All the functions are controlled through sliding door
- WDR (double scan CCD option)

CONFIGURATION



How to use lens zoom and focus adjustment method Patent no.: 10-1056075



Ventilation holes to prevent condensation



Split glass to prevent reflection



Extra video output for installation

SETTING MENU



MAIN MENU	
1.LENS	DG
2.EXPOSURE	
3.SSDR	OFF
4.WHITE BAL	ATW
5.BACKLIGHT	OFF
6.DNR3	ON
7.DAY/NIGHT	AUTO
8.SPECIAL	
9.EXIT	SAVE

1. LED: OFF ON
You can turn on the LEDs or off continuously
2. LED-ON: Fast, Slow
Fast: LEDs will be on at around 6 lux
Slow: LEDs will be on at around 3 lux
3. LED-BEAM: Low, Hi
Low: When you watch objects within 20m mainly
(min. LED current about 20mA)
Hi: When you watch objects over 20m
(max. LED current about 300mA)
4. E-VBS
Extra video output for installation

SPECIFICATION

MODEL	NTSC	PAL
Main Chip Set	X-GEN III	
Image Sensor	1/3 Inch, Sony DS CCD (960H)	
Effective Pixels	976 (H) X 494 (V)	976 (H) X 582 (V)
Video System	NTSC TV System	PAL TV System
Scanning System	525 Lines 2:1 Interlace	625 Lines 2:1 Interlace
Scanning Frequency	15.734 [Khz] / 59.94 [Hz]	15.625 [Khz] / 50 [Hz]
Shutter Speed	1/60 ~ 1/120,000 sec	1/50 ~ 1/120,000 sec
Sync System	Internal Sync	
H - Resolution	650 TV line for color , 750 TV line for B/W	
S/N Ratio	52 [dB] / AGC Off	
Min. illumination	0.00002 Lux (F#1.2 / 50 IRE / LED off)	
Gamma	0.45 Approx	
CCD Level Control	ALC (Auto iris Lens Control)	
Gain Control	Low / Hi / Off (Selectable)	
Sense - up	Auto / Fixed / Off (Selectable limit x2 ~ x512)	
DNR 3	Off / On (1 ~ 32 Level Adjustable)	
Privacy	Off / On (12 Programmable Zones, Polygonal Type)	
Mirror	Off / On (H - Rev / V - Rev / HV-Rev)	
Sharpness	Off / On (Level Adjustable)	
White Balance	ATW / AWC / Manual / Outdoor (1800 'K ~ 10,500 'K) Indoor (4500 'K ~ 8,500 'K)	
C.Video Output	VBS 1.0 Vp-p / 75ohm Video : 0.7Vp-p / Sync : 0.3Vp-p / Burst : 0.3Vp-p	
Input Voltage	DC 12[V] +/- 10% / AC 24V (option)	
Current	LED / FAN ON : max 1.5[A] (at 12VDC)	
Operating Temp'	-20 °C ~ +50 °C (When heater used,-40 °C)	
LENS	ICR Type-DC Auto Iris Lens (2.8mm ~ 12mm)	
IR LED	850 nm - 40 ea	
Dimensions	83 (W) X 83 (H) X 116 (D) mm	
Weight	1.68Kg	
Outside Control	Far - Near control lever	
	Tele - Wide control lever	
	Color → B/W change Lux selection	
	LED Beam Low/Hi Select DIP SW	
Option	OSD Control Tact Switch	
	Extra video wafer	
	ICR Type-DC Auto Iris Lens (3.5~16mm,9~22mm,6~50mm)	
Recommendation	AC24V - POWER	
	Cooling Fan / HEATER (-40 °C ~ +50 °C)	
	Regulated DC12V - 1.5 [A] Power Supply	

Dimension

