

FEATURES:

- 1/3" Color **SONY** CCD
- Auto iris DC drive
- Auto electronic shutter (AES)
- Auto white balance(AWB)
- COLOUR 540TVL B&W 600TVL
- Slow-Shutter (Sense UP 32X)
- Auto gain control (AGC)
- Dual power input 12VDC/24VAC

OVERVIEW:

AI: Auto IRIS

BLC: Back Light Compasation

ATW: Auto Trace White

MWB: Manual White Balance

AWB: Auto White Balance

SL : Slow-Shutter

AES: Auto Electronic Shutter

AGC: Auto Gain Control

MIR: Mlrror

Y/C: Luminance (Y) & Chrominance (C)



Bracket & Lens Not Inculded

- 1 FOCUS LOCK
- 2 AUTO IRIS CONNECTOR
- 3 IRIS ADJUST LEVEL
- 4 LENS DC DRIVER
- 5 VIDEO OUTPUT
- 6 FUNCTION SETUP
- 7 AUDIO OUTPUT
- 8 LED TO INDICATE POWER ON
- 9 POWER INPUT(DC12V/AC24V)

PRECAUTION

In case of problem

Do not use the camera if fume, smoke or a strange odor emitted from the unit, or if it seems not functioning correctly. Disconnect the power cord immediately, and consult your dealer.

Do not open or modify

Do not adjust or modify the camera's internal circuits or power supply modules, as it may be dangerous and cause damage to the unit.. For internal settings and repairs, consult our dealer.

Do not put Objects inside the unit

Make sure that no metal objects or flammable substance get inside the camera that may cause damage to the unit. If water or a liquid get inside the camera, disconnect the power cable immediately, and consult your dealer. Be careful to protect the camera from direct exposure to weather, rain, etc.

Be careful when handling the unit

Do not drop the camera or subject it to strong shock or vibration.

Install away from electric or magnetic fields

It may interfere with or distort the image when install close to an electric or magnetic fields. Ex: TV, Speaker, etc.

Protect from humidity, dust and high temperatures

Do not install it where there is greasy smoke or steam, where the moisture may get too high, or where there is a lot of dust..

Do not install close to stoves, or other heat generating devices, such as spotlights, etc....

Avoid places where there is direct sunlight.

Cleaning

Do not directly touch the CCD element. Directly

INSTALLATION

● MOUNTING THE LENS

C/CS MOUNT LENS TYPE

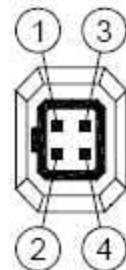
1. Remove the protective cap from the camera's lens mount
2. Install the C-mount adapter on the camera lens mount if using C-mount lens.
3. Carefully align the CS/C Manual lens into the camera lens mount and turn clockwise slowly until it is firmly attached.

NOTE: Original camera is designed for CS mount lens type.

Auto IRIS LENS TYPE

1. Remove the protective cap from the camera's lens mount
2. Install the C-mount adapter on the camera lens mount if use C-mount lens.
3. Carefully align the CS/C Manual lens into the camera lens, mount and turn clockwise slowly until it is firmly attached.
4. Insert the cable Plug into the lens terminal socket located behind of the camera body. IRIS connector define see following fig.

IRIS JACK	Video LENS	DC-LENS
P1	+12V	DUMP-
P2	N.C.	DUMP+
P3	VIDEO	DRIVE+
P4	GND	DRIVE-



5. Set the IRIS switch to DC position if use DC driver IRIS lens. Set the IRIS switch to Video position if use Video driver IRIS lens.

● POWER SUPPLY

1. Before turning on the power to the camera, ensure that the lens is fitted onto the camera to avoid damage to the exposed CCD chipset.
2. It must to use regulated power to camera, unregulated power maybe damage the camera.
3. It needs to pay attention to pole of power when use DC power to terminal input, otherwise camera will be burn down.

● CONNECTION

1. Connect video output and Audio output to the Video /Audio input of monitor or VCR.
2. Connect power to power input then turn on the power
3. Adjust the lens and camera's setting to get the best image.

SPECIFICATION:

Model Number	
Type	Color CCD
Signal System	NTSC/PAL
Pick Up Device	1/3" SONY SUPER HIGH RESOLUTION with HITACHI DSP Chipset + DAY NIGHT.
Picture Elements	NTSC: 811(H)X508(V) PAL: 795(H)X596(V)
Resolution	COLOUR 540TVL B&W 600TVL
Mini Illumination(F1.030IRE)	0.001Lux (Slow-Shutter 32X)
Vertical Frequency	NTSC:60Hz PAL:50Hz
Horizontal Frequency	NTSC:15734Hz PAL:15625Hz
Clock Frequency	NTSC:28.636MHz PAL:28.375MHz
Scanning System	2:1 Interlace
Sync System	Line Lock or Internal
S/N Ratio	more than 55dB
Electronic Shutter (Slow-Shutter 32X)	AES: NTSC 1/2-1/120,000SEC PAL 3/5-1/120,000SEC
White Balance	ATW :auto trace white Balance MWB:Usage the R adjusts the white Balance with B
Black light compensation	ON or OFF
Gain Control	0-18dB or 0-26dB
GAMMA	0.45
Vertical Phase	
Lens driver	DC or Video
Video output	1.0Vp-p(75Ω BNC)
Power supply	DC12V or AC24V (±20%)
Power Consumption	150mA/2W
Dimension L x W x H(mm)	118 x 50 x 58
Weight	305g
Storage Temperature	-30~+60°C
Operating Temperature	-10~+45°C

***SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE**