

LPR. ANPR Camera

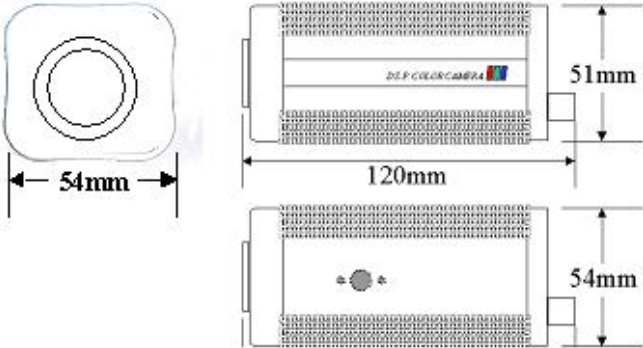
Model no. F3612/3812

User Manual

Specification

Specification / Model	F3612- NTSC / PAL	F3812- NTSC / PAL
Image Format	1/3" SONY S-HAD CCD	1/3" SONY S-HADII CCD
Horizontal Resolution	400 TV Line @ Color Mode, 430TV line @B/W	520 TV line @ Color Mode, 570TV line @B/W
Sensitivity to Light [-30IRE]	0.15 LUX with F1.2 lens 0.15LUX @ Color mode 0.04LUX@ B/W	0.1 LUX with F1.2 lens 0.1LUX@Color mode 0.01LUX@ B/W
S/N Ratio <Gamma Correction >	More than 50 dB < 0.45 standard, user define by OSD >	
OSD function	LENS—Manual· DC (FIXED, MANUAL, FLU) BLC -- 64 area and ratio selection AGC -- Gain control (0 ~ 255 step) WHITE BAL -- ATW · AWB · FIXED · MANUAL ADJUST-- CONTRAS · SHARPNESS · CB_GAIN · CR_GAIN · RETURN FUNCTION --CAMERA ID · MIRROR · MOTION · PRIVACY · GAMMA · LANGUAGE	
OSD language	ENGLISH· 英文 · 簡中 · 繁體 · 日文	
Electronic IRIS (Auto)	1/60 (1/50) to 1/100,000 (1/100,000) sec	
Electronic IRIS (Fixed)	1/60(50) · 1/100 · 1/250 · 1/500 · 1/2000 · 1/5000 · 1/10'000 · 100'000	
Video Output	1.0Vp-p/75 ohm Composite, /Standard BNC connector	
Power Consumption	1.0W(Max)	1.1W(Max)
Sync. Method	Internal will be the standard.	
Input Voltage <Surge Suppression >	DC+12V (10 to 16 V) <1.5KW transient>	
Lens	DC Driver lens : CS or/ C mount	
Operating Temperature	- 10℃ up to +55℃	
Air Humidity	Up to max. 85%	
Enclosure <weight >	Aluminous case < 220 grams without the lens >	

Dimension:



1.Dear Customer!

By selecting this product you have chosen a professional device which guarantees highest possible quality and reliability. We like to thank you very much for your confidence in our products and kindly ask you to read the following instructions carefully before commissioning the product in order to be able to take full advantage of all quality features regarding this product line.

2.About this manual

Before installing and using the camera, please read this manual carefully. Be sure to keep it handy for later reference. This instruction manual covers for use in the following mode. Any difference among the those mode is indicated when necessary.

3.Safety Precaution

- Install away from electric or magnetic fields
- Protect from humidity, dusty and high temperature
- Cleaning dirt can be removed from the cabinet only by wiping it with a soft cloth moistened with a soft detergent solution.
- Never face the camera toward the sun; and use the proper power

4. Commissioning The Camera

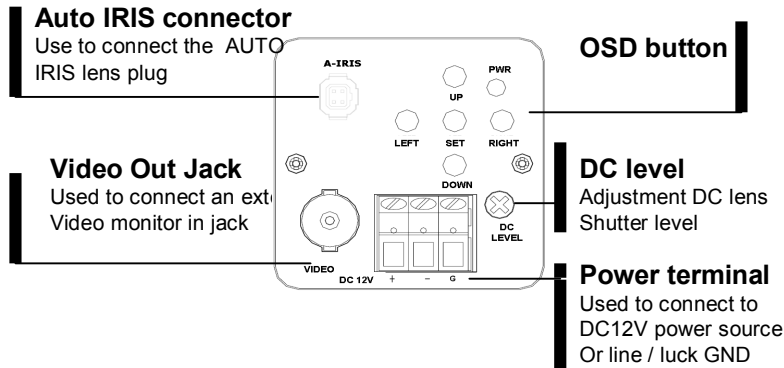
4-a) Front and bottom (lens not included)

1/4"-20 Tripod Mounting Hole
Used to install the camera on the bracket

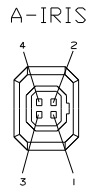
C/CS Mount adapter
Attach the C/CS Mount adapter when using the C/CS mount lens



4-b) Back



4-c) Plug the A-IRIS

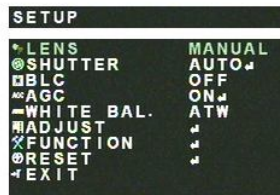


- DC type (DC)**
- 1.control -
 - 2.control +
 - 3.drive +
 - 4.GND

- Be sure to connector power only after all the installation is complete.
- Note that AC adaptor is not supplied with camera.
- Use the UL listed, class 2 power transformer of DC 12V adaptor.

5) OSD function

5-1) Main : When press the OSD “SET” Button the Main menu show:



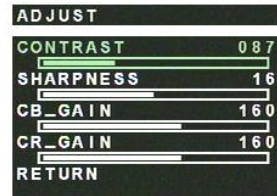
Lens: DC lens
AGC: set to Off

5-2) Shutter speed, select the Fix or Manual :



Shutter speed will be important to capture the moving car or not. And, it also need refer your IR LED intensity.

5-3) Adjust :



Contrast: Please refer IRLED intensity
Sharpness: More sharpness will be good for number record.
Please refer your IRLED adjust.

5-4) Function :



Gamma: please adjust 1