

3-AXIS

USER INFORMATION



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION ! TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Explanation of two Symbols



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance-(servicing) instructions in the literature accompanying the appliance.

THE GRAPHIC SYMBOLS WITH SUPPLEMENTAL MARKING ARE ON THE BOTTOM OF THE SYSTEM. "WARNING-TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THE UNIT TO RAIN OR MOISTURE"

PRECAUTION

- All the warnings and instructions of this manual should be followed.
- Remove the plug from the outlet before cleaning. Do not use liquid aerosol detergents. Use water damped cloth for cleaning.
- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.
- Do not place anything on top of the unit that might spill or fall into it.
- Do not attempt to service this unit yourself as opening or removing covers may you to dangerous voltage or other hazards. Please refer all servicing to qualified service personnel.
- Keep enough space around the unit for ventilation. Slots and openings on the monitor should not be blocked.
- During flashes of lightning or cracks of thunder, or when the system is not used for a long time, unplug the system power supply to protect the unit from lightening or power surges.

SPECIFICATIONS

Signal System	NTSC	PAL
Image Sensor	1/3 interline CCD	
Effective Pixels No.	768(H)x494(V)	752(H)x582(V)
Video output	1.0Vp-p (75Ω, composite)	
Lens Mirror Cover	Fixed Lens (f=3.8mm, 6.0mm Selectable)	
Lens Smoke Cover	Fixed Lens (f=2.45mm)	
Focus	Manual	
Sync. system	Internal Sync.	
S/N Ratio	50dB Min. (AGC OFF)	
Horizontal Resolution	600TVLines (BW650 TVLines)	
Sensitivity	0.1 Lux(color) / 0.03 Lux(B/W)	
ESC	NTSC - 1/ 60 ~ 1/120,000, PAL - 1/ 50 ~ 1/120,000	
White Balance	Auto	
AGC, BLC	Auto	
Input / Output Connector	Power(Red Jack), Video(Yellow Jack)	
Power Consumption	12VDC(9V~15V) / 150mA	
Operating Temperature	-10°C to +45°C (30% to 80% RH)	
Storage Temperature	-20°C to +55°C (20% to 90% RH)	
Dome Size (Ø)	85mm / 68mm	

Ver.0907E P/N:3810-0071V

OWNER'S
MANUAL

DIGITAL

Design and specifications are subject to change without notice.

INSTALLATION

This manual explains the installation and operating method for the color dome camera. Before installation, make sure you are familiar with this product's special features and proper operating technique.

Simple to install

3-Axis Bracket makes adjustment easy.

COMPOSITION



Owner's Manual



Dome Camera

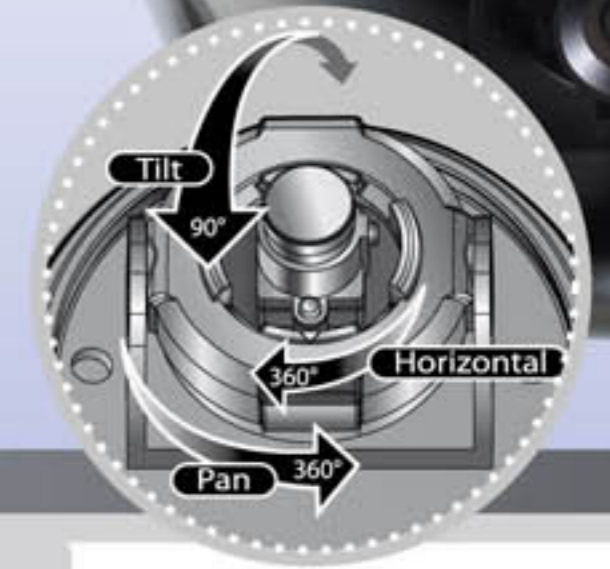


Mounting Screw



Guide Pattern

Built-in 3-axis camera bracket makes it much easier to rotate in any direction.



CONNECTION

- Stick the guide pattern on the wall or ceiling.
- Drill two holes according to the guide pattern then insert anchors into the drilled holes.
- Draw out power / video wires to the connecting places.
- Fixed the camera to a ceiling using two screws.
- Adjust desired focus and scene by turning and moving the 3-axis camera bracket by hand.
- Put the dome cover over the base.
- Fix the dome cover on the base by covering.

Ceiling



▶ Guide Pattern



▶ Dome Base



▶ Mounting Screw

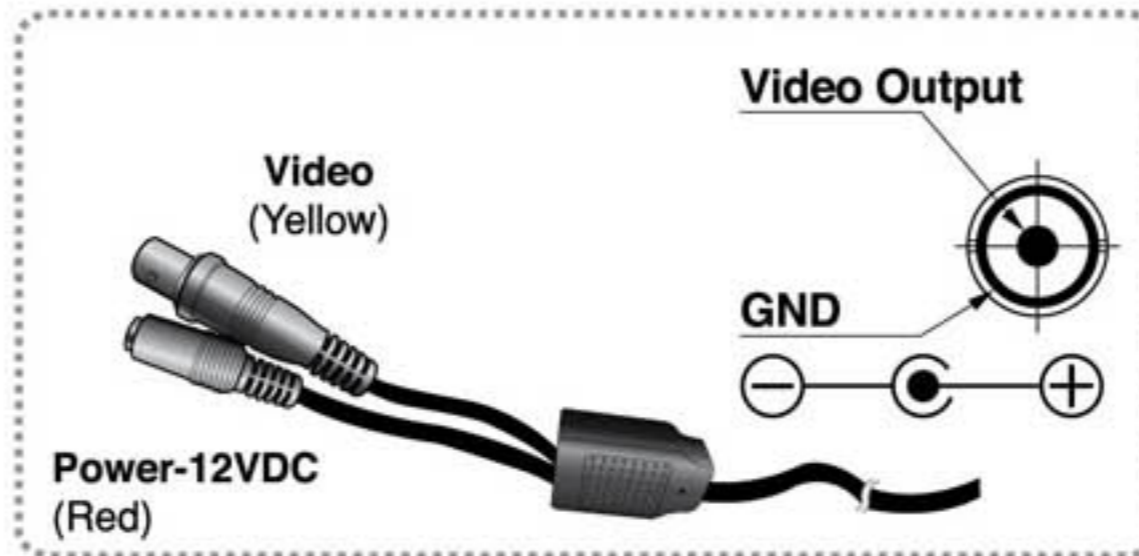


▶ Dome Cover



NOTE Insert coin to the side hole and remove the dome cover by twist coin.

12VDC Power Type



- The wire is polarized.
- Use 12VDC power source.

NO	Function	Terminal Color	Remark
#1	Video Output	Yellow	1.0 Vp.p
#2	Power Input	Red	12VDC(9V~15V), 150mA

TROUBLESHOOTING

- If you have trouble operating your camera, refer to the following. If the guidelines do not enable you to solve the problem, contact an authorized technician.

? The image does not appear on the screen.

- Check the power source for the monitor and camera and ensure that the voltage and polarity are properly connected and being supplied correctly.

? The image on the screen is dim.

- Check if the lens is stained. If dirty, clean the lens with a soft, clean cloth.
- Adjust the Back Focus of the lens again.

? The camera does not work properly, the surface of the camera case is hot, and a black line appears on the screen.

- Check if you have connected the camera to a proper power source and If there is no problem with the power, turn the unit off immediately and seek assistance from our Customer Service department.

? The screen blinks a lot.

- Check if the camera is pointed toward the sun or a fluorescent lamp.
- Adjust the angle or location of the camera if too much light is coming into the screen.