


FULL HD MINI VANDAL DOME CAMERA




USER GUIDE MANUAL


Before attempting to connect or operate this product,
Please read these instructions carefully and save this manual for future use P/N : 38801K430




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.



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "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.

Regulatory Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions :
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses, and can radiate radio frequency energy and, if not installed and use in accordance with the instructions, may cause harmful interference to radio communications.
Operation of this equipment in a residential area is likely to cause interference, in which case the user will be required to correct the interference at his own expense.

WARNING - Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.
CAUTION : To prevent electric shock and risk of fire hazards:
◆ Do NOT use other than specified power source.
◆ Do NOT expose this appliance to rain or moisture.

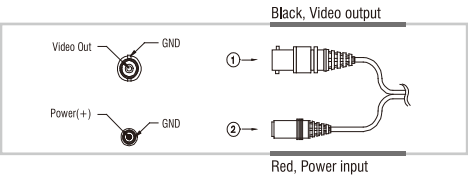
This color video camera is designed for use in monitoring systems.

- IP66 Rating, Aluminum Die-casting Vandal proof Camera(Surface mount)
- 1/3" Panasonic CMOS sensor
- Full HD Resolution
1920x1080p / 30fps(25fps), 1280x720p / 30fps(25fps), 1280x720p / 60fps(50fps)
- RealTime True WDR
- DNR(Digital Noise Reduction: 2D + 3D)
- True D&N IR Cut Filter Mechanism(TDN)
- 3mm Fixed Lens
- Bubble size : 57Ø
- DC12V operation

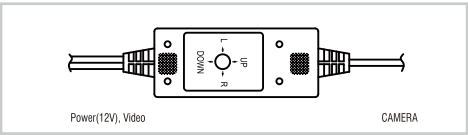
PRECAUTION

- You can install the camera outdoors.
- Choose an ideal location for the camera, since a camera unit must be protected against vibration.
- Be careful not to scratch the camera unit, especially lens glass.
- Use the camera within the temperature.(-10° ~ +50°)
- Handle with care. Dropping it can cause serious damage to the camera.
- Avoid any direct sun light toward the lens.
- Use the DC12V

Power and Video connection

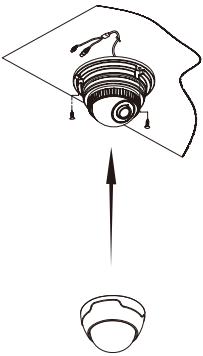


OSD Control Key(optional)



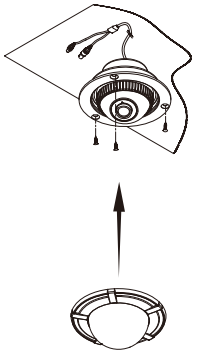
• Surface mount

- ① Fix the BASE HOUSING to the desired place with screws supplied.
- ② Adjust desired scene by turning and moving the CAMERA BRACKET.
- ③ Put the DOME COVER over the BASE HOUSING and turn it clockwise by hand.
- ④ To fix DOME COVER tight, use SET SCREW.



• Flush mount


- ① Use "Ceiling processing sticker" on the desired place to install camera and make a hole on that place.
- ② Place the BASE HOUSING on the hole and fix it with screws supplied.
- ③ Adjust desired scene by turning and moving the CAMERA BRACKET.
- ④ Put the DOME COVER over the BASE HOUSING and turn it clockwise by hand.



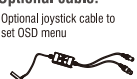
Unpacking

Below items should be included with the camera.
Please check the items before use.


• Surface Mount



• Optional cable:

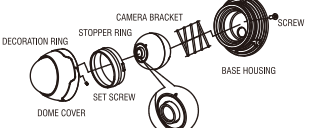


• Flush Mount

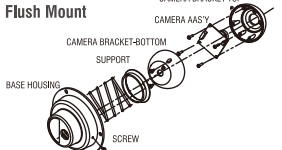


Camera Structure

• Surface Mount

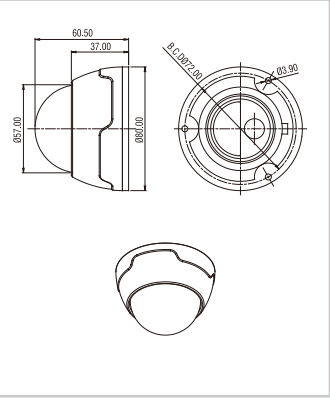


• Flush Mount

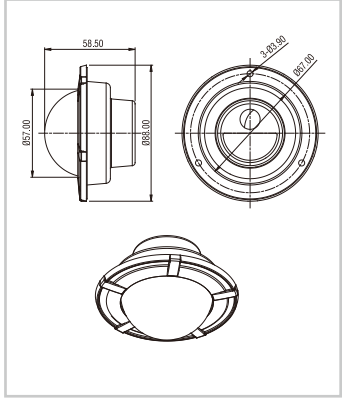


Dimensions(mm)

• Sureface Type



• Flush Type



Specifications

Specifications are subject to without notice.

Image Sensor	1/3" Panasonic CMOS Sensor
Total Pixels	1956(H) x 1266(V) = 2.48M pixels
Active pixels	1944(H) x 1092(V) = 2.12M pixels
Scanning system	Progressive Saon
Resolution	Digital : 1080p/30(25)fps, 720p/60(50)fps, 720p/30(25)fps
Min. illumination	Color : 0.5 lux , BW : 0.1lux
	Color DSS : 0.002 lux , BW DSS : 0.001 lux
Video Output	HD : HD-SDI, EX-SDI
Lens	3mm Fixed Lens
Power Source	DC 12V(±10%)
Power Consumption	Max 350mA
Power Input	DC JACK
Video Output(HD-SDI)	BNC Connector
Operating Temperature	-10℃ ~ +50℃ (Humidity : 0%RH ~ 90%RH)
Storage Temperature	-20℃ ~ +60℃ (Humidity : 0%RH ~ 90%RH)