

USER MANUAL

High Resolution Dome Camera



Vari-focal Dome

Please read the instructions thoroughly before using the product.

484a_V1.0

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CAUTION
RISK OF ELECTRIC SHOCK



CAUTION:

To reduce the risk of electric shock, do not expose this apparatus to rain or moisture.

Only operate this apparatus from the type of power source indicated on the label.

The company shall not be liable for any damages arising out of any improper use, even if we have been advised of the possibility of such damages.



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.



This 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.



ROHS Announcement

All lead-free products offered by the company comply with the requirements of the European law on the Restriction of Hazardous Substances (RoHS) directive, which means our manufacture processes and products are strictly "lead-free" and without the hazardous substances cited in the directive.



The crossed-out wheeled bin mark symbolizes that within the European Union the product must be collected separately at the product end-of-life. This applies to your product and any peripherals marked with this symbol. Do not dispose of these products as unsorted municipal waste.



CE Mark

This apparatus is manufactured to comply with the radio interference.

The company does not warrant that this manual will be uninterrupted or error-free. We reserve the right to revise or remove any content in this manual at any time.



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FEATURES

1. 1/3" color CCD sensor with SONY Effio DSP
2. High resolution
3. F1.4 Large aperture
4. f3.8 ~ f9.5mm vari-focal lens
5. Supports 0.05 Lux at F1.4
6. Vandal-proof housing design (IPxx7)

PACKAGE CONTENT

Please make sure you have the following items in your sales package:

- Vari-Focal Dome Camera
with Power and Video Cable * 1
- User Manual * 1

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SPECIFICATIONS*

| MODEL | Vari-focal Dome Camera |
|---------------------|---|
| Pick up Element | 1/3" Color CCD image sensor with SONY Effio DSP |
| Number of Pixel | 768(H)x494(V) <NTSC> / 752(H)x582(V) <PAL> |
| Resolution | Super High Resolution |
| Min. Illumination | 0.05 Lux / F1.4 |
| S/N Ratio | More than 48dB (AGC off) |
| Electronic Shutter | 1/60 (1/50) to 1/100,000 sec |
| Vari-focal Lens | f3.8mm ~ f9.5mm |
| Lens Angle | 85.4° ~ 36° |
| IRIS Mode | AES |
| White Balance | ATW |
| IP Rating | IPxx7 |
| Video Output | 1.0 Vp-p composite, 75Ω |
| Power Source (±10%) | DC12V |
| Current Consumption | 70mA |
| Dimensions (mm)** | 124.3(Ø) x 92(H) |
| Net Weight (g) | 460 |

* The specifications are subject to change without notice.

** Dimensional Tolerance: ± 5mm

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LENS ANGLE ADJUSTMENT

The lens can be panned left or right for angle adjustment, maximum 60° respectively from the default position .

CONNECTION

1. DC12V Terminal

Connect the power connector of the camera to a DC 12V regulated power supply.

NOTE: Please use a regulated DC12V power adaptor to operate this unit. The power tolerance of this unit is DC12V \pm 10% (DC 10.8V ~ DC 13.2V). A power input of more than the DC 13.2V will damage this unit.

2. Connect the camera video output to the input of the DVR with a 75Ω coaxial cable.



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INSTALLATION

Step1 Remove the Dome Cover

Remove the Dome Cover by turning it counterclockwise to the end and then take it off.



Step2 Remove the Black Shield Case

First, unscrew the Black Shield Case. Then remove it by pressing the two sides and then pulling it outward.



INSTALLATION

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Remove the Dome Cover by turning it counterclockwise to the end and then take it off.



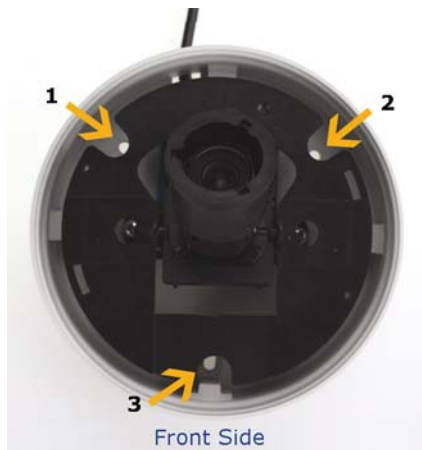
Step2 Remove the Black Shield Case

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Step3 Align the screw holes

Rotate the lens plate to the front side of the camera, and align the gaps on the plate with the three screw holes respectively as indicated below. Then, aim the lens to the place you want to watch.



Note:

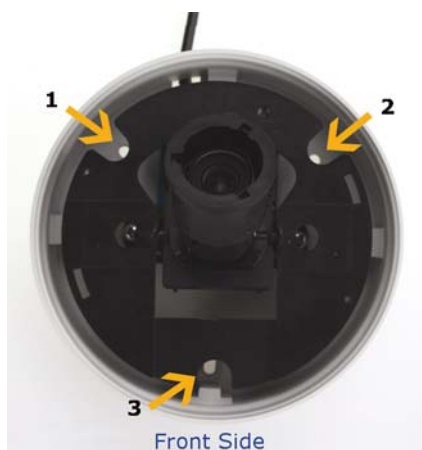
1. Screws are not supplied with the sales package. For installation, please purchase the suitable screws.
 2. For safety, always let the power and video line concealed behind the installation position.
-
-

Step4 Attach the camera to the ceiling

Attach the camera to the ceiling with three screws. Then, connect the power and video cable to the power supply and the input of the DVR for later adjustments. (For the details of the connection, please refer to the "CONNECTION" section).

Step3 Align the screw holes

Rotate the lens plate to the front side of the camera, and align the gaps on the plate with the three screw holes respectively as indicated below. Then, aim the lens to the place you want to watch.



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Step5 Adjust the angle of the camera

To adjust the angle of the camera, swivel the black rotatable plate from the center to the left or to the right, maximum 60° (Pan). Adjust the tilt angle by moving the lens, maximum 90° (Tilt). Use a flat-headed screwdriver to loosen the pivots on the lens. First adjust the 1st pivot to zoom-in / out (Zoom). Second, adjust the 2nd pivot to fine-tune the clearness of the images. Secure these two pivots after the adjustment is completed. Finally fasten the screw on the side of lens to fix the tilt angle after the optimized positioning is achieved.



Note: When adjusting the title angle, please do not tilt the camera lens more than 90°.

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Note: When adjusting the title angle, please do not tilt the camera lens more than 90°.

Step6 Replace the Black Shield Case

Replace the Black Shield Case to the camera base. Ensure that the Black Shield Case does not cover the lens.



Step7 Replace the Dome Cover

Replace the dome cover to the camera base and turn it clockwise to the end to secure it.



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