

HD CCTV Total Solution

Dome Camera User Manual



The product image shown above may differ from the actual product.
Please use this camera with a DVR which supports HD video recording.
Please read the instructions thoroughly before using the product.



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.

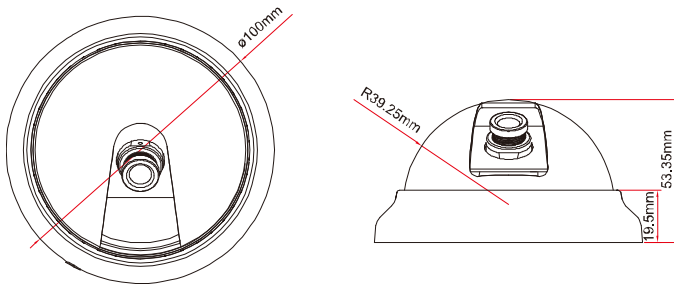
FEATURES

1. 1/2.7" CMOS Sensor
2. 1080P video output
3. Low light sensitivity of 0.1 Lux / F1.8

PACKAGE CONTENT

- IR camera * 1
- User manual * 1

DIMENSIONS*



*Dimensional Tolerance: ± 5mm

SPECIFICATIONS*

Pick-up Element	1/ 2.7" CMOS image sensor
Number of Pixels	1930(H) x 1088(V)
Video Frame Rate	1080P@30fps / 1080P@25fps
Min. Illumination	0.1 Lux / F1.8
S/N Ratio	More than 48dB (AGC OFF)
Shutter Speed	1/30 (1/25) sec ~ 1/720000 (1/600000) sec
Lens	f3.6mm / F1.8
Lens Angle	96° (Horizontal) / 50° (Vertical) / 116° (Diagonal)
IRIS Mode	AES
White Balance	AUTO / USER / PUSH / 8000K / 6000K / 4200K / 3200K
AGC	Auto
Sharpness	YES
Flickerless	50HZ / 60HZ / OFF
BLC	YES
Operating Temperature	0°C ~ 40°C
Video Output	1.0 Vp-p composite, 75Ω
Power Source (±10%)	DC12V / 0.5A
Current Consumption (±10%)	100mA
Dimensions (mm)**	100(Ø) × 60(H)

* The specifications are subject to change without notice.

INSTALLATION * The product image may be different from the actual product.

1. Turn "Dome Cover" (as shown in Figure 1) counterclockwise to the end and take it off.
2. Mark the positions of one "power and video line hole" and four "screw holes" on the ceiling. (as shown in Figure 2 & Figure 3).

Drill a hole on the proper position of the ceiling for the power and video line to pass through.
And then screw "base" to the ceiling.

Note: Screws for installation are not supplied within the sales package. Please prepare by yourself and use proper screws.

Suggestions:

- a) For safety, please let the power and video line concealed behind the ceiling.
 - b) If the installation spot doesn't allow the installation personnel to screw power and video line hole on the ceiling, they could cut the concave edge of "base" to let the power and video line pass through. Be sure to cover the line to prevent violent attack.
3. Adjust the view angle of the lens(as shown in Figure 3). Then put "dome cover" back to the "base" and turn clockwise.



Figure 1



Figure 2

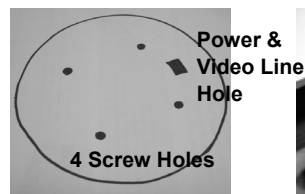


Figure 3



Figure 4

CONNECTION

1. DC12V Input Terminal
Connect the power terminal of the camera to a DC 12V regulated power supply.

NOTE: Please use the correct power adaptor, DC12V (regulated), to operate this unit. The power tolerance of this unit is DC12V \pm 10%. Over maximum DC 12V power input will damage this unit.



2. Video Output Connector (VIDEO OUT)
Connect the camera video output to the video input of a DVR with 75 Ω coaxial cable.

NOTE: To ensure the camera has sufficient protection against moisture, an extra waterproof measure, such as by using an insulating tape, must be used to cover the power and video connectors after connection.

CAMERA PARAMETERS

This camera series has its own configuration menu, and either of the two methods below is available to access the menu based on the camera model you have.

■ Method 1

On the DVR live view, click the channel which connects this camera to display in the full screen mode, and select  to show the control panel, and select  to enter the camera menu.



■ **Method 2**

On the DVR live view, right click to show the DVR main menu, and select “ADVANCED CONFIG” → “DCCS”. Then, select the channel which connects this camera, and click “SETUP” to enter the menu of camera parameters.

ADVANCED CONFIG					
CAMERA DETECTION ALERT NETWORK DISPLAY RECORD DEVICES DCCS NOTIFY	CH1	CH2	CH3	CH4	
	MENU		SETUP		
	DEVICE		XXXXX		
	CONNECTION		OK		
	EXIT				

NOTE: The parameters available depend on the model you have.
