

IQCCTV

HD 960H

HD 1 CAMERA 960H KIT



HD960H

HD
Resolution


20m

IR
Night Vision

IP65

Weatherproof
Rated



Wide Angle
Lens

User Manual

Version 1

Contents

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Warning



Risk of electric shock
Don't open



Warning: To reduce the risk of electric shock, non-professional personnel should not remove the cover.

Caution: To prevent electric shock and fire hazards, please don't use a power supply not listed on the manual.



This symbol alerts the user to operate and maintain the product according to the manual.



This symbol alerts the user to be careful as the product may lead to serious shock hazard.

Caution: Any changes or modifications in construction of the product that are not approved by our company, may affect the functionality of the camera.

Precautions

- > **Install and use the camera in an environment that does not exceed -20°C ~ +50°C and maintain good ventilation.**
- > **Do not use the camera in a high pressure or highly corrosive environment.**
This may cause the camera to malfunction or damage the camera.
- > **Do not install the camera in a place where lighting conditions are not stable.**
Drastic illumination changes could cause the camera to malfunction.

1. Product Overview

Thank you for purchasing the IQC960V-K Internal/External Mini Dome Camera from IQCCTV.

The camera features a 50° wide-angle lens to capture more without the need to adjust the camera. The dome is ideal for indoor or outdoor use (IP65 Rated) and has a cable managed and compact design.

The IQC range of 960H cameras from IQCCTV are designed to offer crystal clear images and amazing value for money, this is achieved by removing high-end features not needed in everyday applications.

1.1 Product Features



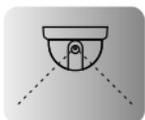
HD
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Wide Angle
Lens



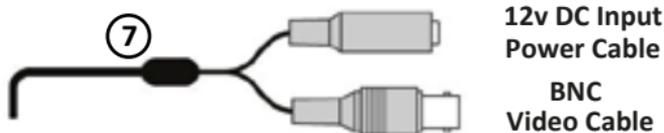
Plug and Play



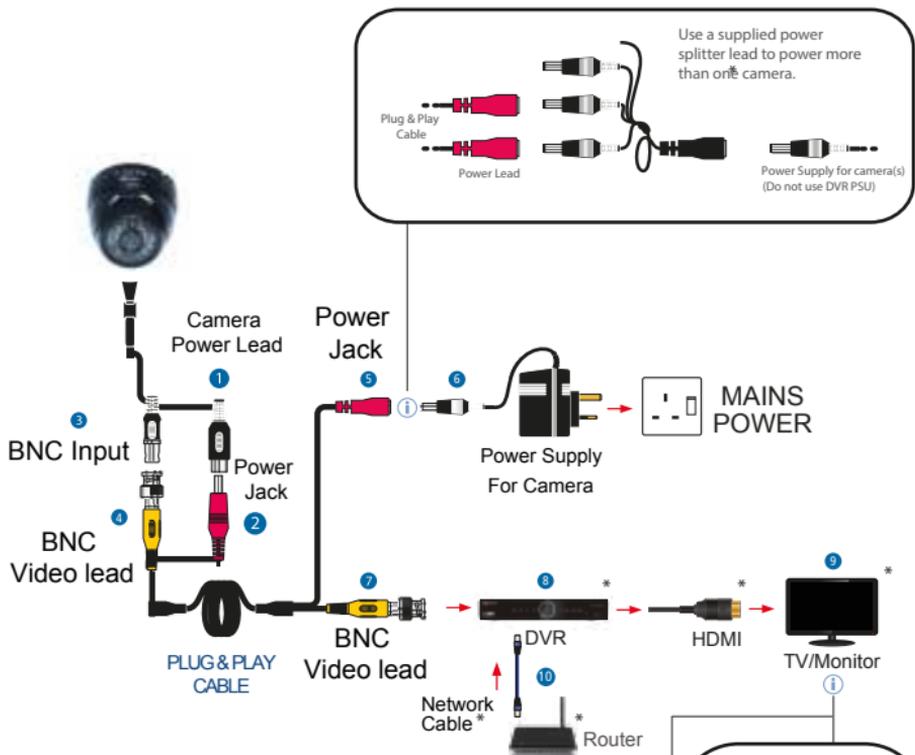
Cable Managed
Design

- High Resolution 960H
- 20m IR Night Vision
- Automatic Gain Control
- Backlight Compensation
- 50° Wide Angle Lens
- Compact and Discreet
- Cable Managed Design
- Easy Installation - Plug and Play
- Internal/External
- IP65 Rated

- When the camera is in the correct position, put the upper and lower ring of the camera back into position. Secure the upper ring back onto the base to secure the camera in place.
- Connect the power terminal of the camera to the DC socket on the supplied PNP cable, connect the camera video output to the BNC socket on the supplied PNP cable. Connect the other end of the cables to the supplied 12V DC regulated PSU and the Video input on the DVR. *please note these can only be connected one way, check connections before running through your walls.'



4. Installation Diagram



Connect DVR to VGA Monitor



VGA output also available to connect to a monitor. * VGA Cable not included

Connect DVR to TV/Monitor



Connect the HDMI output from the DVR to your TV/Monitor HDMI input. *Monitor not included.

* Not Included

To Connect Cable to Camera(s)

- Connect the power lead coming from the camera ① to the power jack on the Plug & Play cable ②
- Connect the BNC connector from the camera ③ to the BNC on the Plug & Play cable ④

To Connect Power to the Camera(s)

- Connect the power socket on the cable ⑤ to the Power Supply ⑥ – See additional information for connecting more than 1 camera

To Connect Cable to the DVR

- Connect the BNC connector ⑦ to the required channel input on the DVR ⑧

To Connect Cable to Router

- Connect the Network Cable to the DVR ⑧ then to a Router ⑩ for Network Access *Router not included

To Connect Cable to TV/Monitor

- Connect the HDMI Lead to the HDMI output on the DVR ⑧ then to the HDMI Input on your TV/Monitor ⑨ *TV/Monitor not included

Your system is now ready to use

5. Troubleshooting

| Trouble | Possible Reasons | Solution |
|---------------------------|---|---|
| No Image | Video cable of the camera or video cable of the DVR are not connected securely. | Check the cable connection |
| | Not Enough Power | Replace the power supply |
| No Night Vision | The camera has IR LEDs but there is no night vision | Check to see if the IR LEDs are illuminated when the camera is in dark conditions |
| | The lens is dirty | Wipe the lens with a soft and clean microfibre cloth |
| Blurry Picture | The transmission distance of the video cable is too long. | Replace the video cable or add a video amplifier |
| | The camera faces sunlight or fluorescent lights. | Adjust the direction of the camera. |
| The screen picture shakes | Interference from the camera power supply. | Replace the power supply. |
| | The transmission distance of the video cable is too long. | Replace the video cable or add a video amplifier |

6. Specifications

Camera Specifications

| | |
|-----------------------------|--|
| Image Sensor | 1/3 Digital Image Sensor |
| Resolution | HD960H |
| Lens Size | 4mm |
| DSP Functions | Automatic Electronic Iris Auto Electronic Shutter Automatic Gain Control Zero Colour Rolling Backlight Compensation True Day/Night (Mechanical IR Filter) |
| Minimum Illumination | 0.1 Lux (IR Off), 0 Lux (IR On) |
| Night Vision | 20m IR Night Vision |
| Power Supply | 12v DC 500mA |
| Power Consumption | < 5000mA |

Manufactured for:



TECHNICAL SUPPORT

For technical support, please contact your local distributor.

Alternatively, call 0871 222 1430

LIMITED WARRANTY

This product is supplied with a 12 month warranty. The warranty excludes products that have been misused (including accidental damage) and damage caused by normal wear and tear. In the unlikely event that you encounter a problem with this product, it should be returned to the place of purchase.

IQCCTV, Unit 2 Valley Point, Beddington Farm Road, Croydon, Surrey CR0 4WP

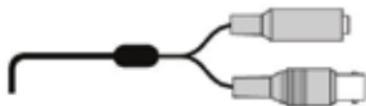
www.iqcctv.co.uk

2. Product Contents

Before installing this product, please ensure that it contains the following;

| Contents | |
|--|----------------------------------|
|  | 1x IQC960V-K Mini Dome Camera |
|  | 1x User Manual |
|  | 1x 12 DC 500mA Power Supply |
|  | 1x 18m Plug & Play Cable |

3. Installation



12v DC Input
Power Cable

BNC
Video Cable

1. Select a suitable position on the wall or ceiling to install the camera. Take the mounting bracket off the dome camera by unscrewing the fixing screw using the Allen key supplied.
2. Rotate the upper ring of the camera, it will unscrew from the dome base. Be careful when handling the camera as the parts are not fixed to the upper ring or the camera 'ball'.
3. Using the Dome base as a guide, drill a hole in the middle of the base circle on the wall or ceiling where the camera is to be mounted, to allow the power and video cable to be fed through.
4. Screw the Dome base to the wall or ceiling using the Wall Plugs and screws supplied.
5. Feed the Camera's cable through the hole and adjust the Camera 'ball' so the camera is positioned in the correct direction and at the correct angle

