



1080p HD Digital Wireless CCTV Camera



Product Code: DIGIRC1005

Features



1. **Microphone:** Captures the sound on camera side and transmits the sound from camera to receiver.
2. **IR Light:** Infrared LED provide viewing in no/low light conditions
3. **Camera Lens:** Catches the video in front of the lens and transmits video from camera to receiver.
4. **IR sensor:** Infrared LED sensor
5. **PIR Sensor:** Detects motion in front of the lens and emits detection signal to transmitter.
6. **Speaker:** Produces the sound transmitted from the receiver.
7. **Camera Antenna:** Sends & receives signals to or from the receiver.
8. **Wall Mounting Bracket:** Use the bracket to mount the camera on a wall or other flat surfaces.
9. **AC Adaptor Jack:** Plug the AC adaptor to the jack for camera's power supply.
10. **Pair Button:** The pair button is located on the back of the camera, it is used to pair the camera with monitor.

Note: This camera includes an Auto Mechanical IR Cut Filter. When the camera changes between day mode and night vision mode, an audible clicking noise may be heard coming from the camera. This clicking is normal and indicates that the camera filter is working.

Camera Installation

Before you install the camera, carefully plan where and how it will be positioned, and where you will route the cable that connects the camera to the power adaptor.

Before starting permanent installation, verify its performance by observing the image on the receiver when camera is positioned in the same location/position where it will be permanently installed, and the receiver is placed in the location where it will be used most of the time.

Installation Warnings

Aim the camera(s) to best optimize the viewing area. Select a location for the camera that provides a clear view of the area you want to monitor, which is free from dust, and is not in line-of-sight to a strong light source or direct sunlight.

Avoid installing the cameras where there are thick walls, or obstructions between the cameras and the receiver.

Night Vision

This camera has built-in IR Cut Filter, which provides the camera with the ability to view images in no/low light conditions.

Installing the Camera

1. Carefully unpack the camera

2. Pair the camera(s)

If the camera(s) did not come in the same box as the receiver, then you will need to pair the camera to the monitor. Consult the Pairing section in the system manual on how to do this.

3. Mount the camera to the wall

Mark the position of the screw holes on the wall, and drill holes and insert 3 screws, then firmly attach the camera to the wall. Make sure to strongly secure the screw the mounting bracket into the wall

NOTE: The camera can also be placed on a flat surface, such as a Table or Shelf, and no mounting hardware is required.

3. Adjust the viewing angle of the camera

You can adjust camera angle to desired viewing area.

NOTE: You can install additional cameras (maximum of 4 cameras per receiver).



Connecting Camera Power

The camera can be powered by using the provided power adaptor. The **DC 9V PSU** is for the camera and **DC 5V** for the monitor

Make sure the power supply is placed into a grounded outlet or surge bar to protect the camera from power fluctuations.

Firmly push the jack into the female socket on the end of the camera's cable as shown in the image below. You will need to push hard to ensure there is a water tight connection between the two.



Technical Specifications

Camera(s)	
Transmit Frequency Range	2400Mhz~2483.5Mhz
Data Rate	4 Mbps
Transmitting Power	16dBm (TYP)
Modulation Type	GFSK with FHSS
Transmitting Distance	100m (Line of Sight)
Image Sensor Type	1/2.7" Color CMOS Image Sensor
Effective Pixels	H: 1936; V: 1096
Recording format	ASF
Image Resolution / Frame Rate	1 camera: 1080p @ 10 fps; 720p @ 20 fps 2 cameras: 1080p @ 10 fps; 720p @ 20 fps 4 cameras: 1080p @ 5 fps; 720p @ 10 fps
Lens	3.6mm / F1.8 (IR cut Filter)
Viewing Angle (Diagonal)	60° (FOV)
Power Requirement	9V DC 600ma ±5%
Operating Temperature	14°F ~ 104°F (-10°C ~ 40°C)
Protection class	IP65
Operating Humidity	0% ~ 85%