

Wireless Pinhole Camera

A wireless camera system basically consists of a video camera, a transmitter and a receiver. Despite its size, we were able to build a video & audio transmitter inside the camera which enables it to transmit signals up to 330 feet wirelessly! This system can convey the audio & video to a DVR, computer, or other display/recording device within that range. A perfect device for a variety of covert scenarios!



▲ wireless pinhole cam



- Compact and lightweight color CCD camera with built-in microphone. A detachable bracket is included for easy fixing to any covert location.
- Pinhole lens: There are 3 types of lens for you to choose from: pinhole cone lens, button lens and screw lens (choose any one). Lens viewing diameter: 2mm. Can film through very small holes and light-weaved clothing. Easy to hide behind any object.
- Super resolution video and sensitive microphone sensor.
- Automatic exposure control, automatic gain control, automatic white balance adjustment.
- Work under very low light condition. For example, a dim light bulb will provide sufficient light source for the camera.
- Can be powered by the included [12V battery holder](#) (8 AA batteries) or 12V power supply. Using high power AA rechargeable batteries with the battery holder, say 2100mAH Ni-MH AA battery, the camera can run over 16 hours. Longer operating hours can be achieved by using other high capacity battery pack.

Wireless AV Transmitter

- A video and audio transmitter is built inside the camera.
- Transmit excellent video and clear audio to TV, monitor, camcorder, computer or other display/recording device. You can view the video live or record it on a recorder.
- Transmission range up to 330 feet (100m) [line of sight](#).
- Wireless signals can pass through some walls, glass, wood and other obstacles, but in this case, the transmission distance will be much shorter.



▲ wireless button cam



▲ wireless screw cam

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|------------------------------|---|-----------------------|
| Image device | 1/4" Sony color CCD | |
| Horizontal resolution | 470 TV lines | |
| Scan system | 525 lines; 60 field/second | |
| Illumination factor | 0.5 LUX at F1.2 | |
| Video format | NTSC | |
| Video output | 1V-p-p 75 ohm | |
| Lens and visual angle | 3.7mm / 72° | |
| RF output | 50 mW | |
| Transmission range | Up to 330 feet (100 meters) line of sight | |
| S/N ratio | 52~60dB (min-max) | |
| Operating temperature | -20° C ~ +50° C | |
| Operating voltage | 12V | |
| Current consumption | 95 mA | |
| Automatic electronic shutter | 1/60~1/100,000 second | 1/50~1/100,000 second |
| Other cam functions | Automatic aperture control, automatic white balance | |
| Sync system | internal | |
| Transmitter frequency | 1.2GHz | |
| Wireless receiver | Frequency tuning type | |
| Receiver dimensions/weight | 13.5(H) x 6(W) x 2(D) cm / 139 gm | |
| Cam dimensions / weight | 25(H) x 33(W) x 22(D) mm / 26 gm | |