



2.4G Wireless Video Transmission Module (640*480 Resolution)

SKU:TEL0127

INTRODUCTION

The new wireless video transmission module consists mainly of a PCB board, a camera and a peripheral Wi-Fi antenna. Designed for 2.4G wireless video transmission and remote control, this wireless video transmission module is particularly easy to use. Once the module is powered on, the Wi-Fi hotspot will be turned on automatically.

The onboard blue indicator can immediately show the status of network connection. Light ON in blue indicated a successful connection, and intermittent flash indicates that the module is disconnected.

Through the matching software, we can check all data collected by the camera in real-time, and realize functions such as recording video, taking photos. It also supports VR mode when equipped with VR goggles. The images can be received by different smart devices like smartphone, IOS/ Android operation systems and so on.

This wireless video transmission module is as small as the thumb. It can be widely used in various applications, especially moving objects. E.g. Mobile camera device, UAV (unmanned drone), driving recorder (DVR).

SPECIFICATION

PCB

- Image resolution: 300K pixels (25 to 30fps, the frame rate is depending on the environment)
- Video compression: dynamic JPEG
- Frequency: 2.4~2.4835GHz
- Modulation method: BPSK/QPSK/16-QAM/64-QAM
- Operating Voltage: 5V±0.1V
- Power consumption: 0.8W
- RF output power: 802.11n, 14dBm
- Receiving sensitivity: 802.11n(20M~mcs7), -66dBm@10%
- Transmission distance: about 50m (in open area low interference conditions)
- Crystal frequency: 12MHz
- Connector interface specification: 8pin, 1.25mm spacing
- Angle of view: 60°
- Operating temperature: 0~50°C
- Dimension: 35*21*6.7mm(max) / 1.4*0.8*0.3inch(max)

APP

- Supporting system: Android4.3 and above, ios8.0 and above
- Video format: AVI
- Image format: JPEG
- APP installation package size: about 20MB (depends on UI design)
- VR display: watching with VR goggles
- File directory: Photos/Videos
- Wi-Fi signal strength: 3 levels (1<2<3)

SHIPPING LIST

- 2.4G Wireless Video Transmission Module (640*480 Resolution) x1