

CAUTION

COFDM-902T Belongs to wireless video transmission equipment, please pay attention to precautions, to avoid improper operation or improper use of terminal equipment and personal safety damage.

1. Install

1. **The transmitter must be installed the antenna before power on**, otherwise it will cause damage to the circuit.
2. Please ensure that the transmitter and receiver supply voltage is within the specified voltage range, otherwise it will cause circuit damage.
- 3 Try to make the transmitter antenna down vertically and without obstructions, to avoid blocking and shorten the communication distance.
4. Transmitter antenna should be as far as possible away from the bulk metal parts.
5. Be sure to use the specified model of antenna to ensure that the frequency band, impedance and other parameters match.
6. Care should be taken during installation to keep proper distance between the various electronic devices so as to minimize the electromagnetic interference between the devices.

2. Use Caution

1. Make sure that all cables are securely fastened and connected correctly.
2. Boot COFDM-902T need about 15s start-up time, after which the image can be transmitted.
3. Make sure that the surrounding environment does not interfere with high-power high-power wireless transmitting devices. Otherwise, the receiver may not receive images normally.
4. In the event of a poor ground-side receiver signal, try to improve by changing the dip angle of the receiver antenna.
5. Supporting the use of HDMI cables, monitors and other components, try to use better electromagnetic shielding performance of the product.

Feature

COFDM-902T wireless high-definition map transmission products, using H.264 video codec, COFDM digital modulation technology to overcome the analog technology and conventional modulation technology wireless transmission system signal poor, unstable communication effects and other technical problems can be achieved at high speed Real-time HD video image transfer in motion shooting situations. It has the following technical advantages:

- ◆ Support single receipt, single receipt and multiple receipt mode;
- ◆ Long-distance transmission, the distance up to 3 ~ 10Km;
- ◆ HDMI video input and output, resolution up to 1080P60;
- ◆ Environmental adaptability, operating temperature range of -10 ~ +50 ° C.

Specification

| Name | | HD Video Wireless Transmitter |
|-----------------------|--------------------|----------------------------------|
| Model | | COFDM-902T |
| Working Frequency | | 500~530MHz |
| RF type | | 50Ω SMA Female |
| Modulation | | COFDM |
| Transmitter Parameter | Video bit rate | 2~5MHz |
| | Working bandwidth | 6/8MHz |
| | Delay | 200~350ms |
| | Compression format | H.264 |
| | Image Resolution | 1080P @60/50/30 |
| Working Voltage | | DC7~38V |
| AV input interface | | HDMI |
| Power consumption | | ≤10W @ Default1W |
| Transmission Distance | | 2dBi Receiver Antenna : 2~4km ; |
| | | 4dBi Receiver Antenna : 4~5km ; |
| | | 5.5dBiReceiver Antenna : 5~7km ; |
| Weight | | 130g |
| Measurement | | 93*59.5*22mm |

Packing List

Transmitter COFDM-902T

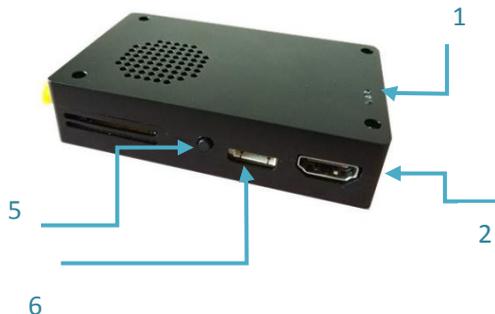


TX X 1



Antenna X 1, Power Cable X 1

Diagram

| | |
|--|---|
|  |  |
| <ol style="list-style-type: none"> 1. Channel Indicator: when performing channel switching, channels 1, 2 ... respectively correspond to channel indicator CH1, CH2 ... 2. HDMI input: Connect Video Source (camera) 3. SMA Female: Connect RF antenna | <ol style="list-style-type: none"> 4. Power In 5. Channel Switch button, press once, switch to the next channel, cycle switching; 6. CVBS Video Source input |

How to use

- 1, Connect the transmitter antenna, tighten it in place and adjust the antenna tilt to the appropriate direction;
- 2, Use HDMI cable to connect the transmitter, connect the video source and ensure the video source is powered on.
- 3, Accessing DC 9 ~ 28V power supply, the transmitter will start transmitting after initializing;

