

2.4Ghz digital wireless system operation instruction

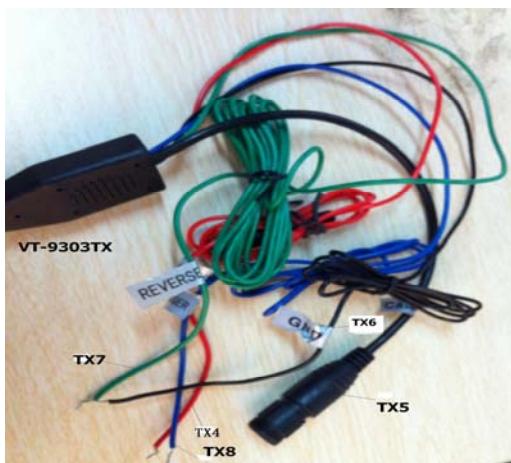


CONTENTS:

System Description-----	2
System Connection-----	3
System Pairing-----	4
Specification-----	5
Question and Answer-----	5

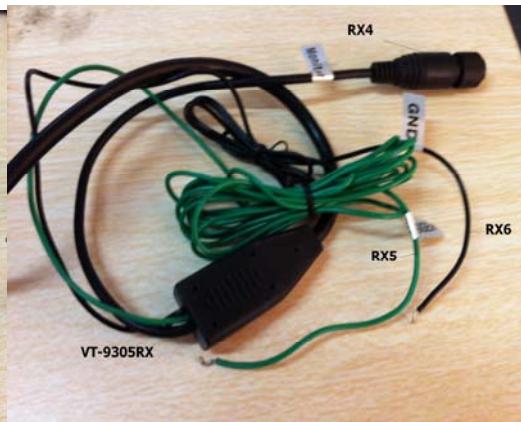
1. System Description:

A.) 2.4Ghz digital wireless TX:



Power supply: 12~24V DC

B.) 2.4Ghz digital wireless RX:



Power supply: It is powered up by the monitor

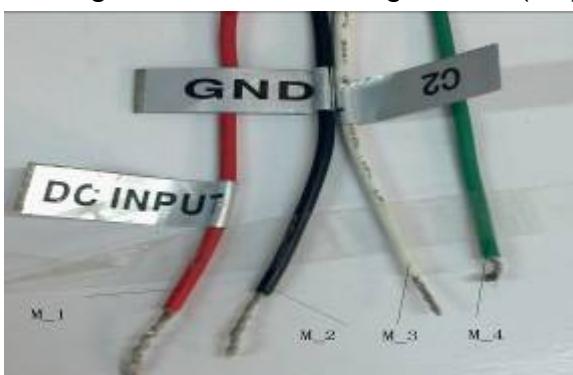
- 1) 2.4GHz Wireless transmission antenna (RX1);
- 2) Pairing button and Indicator light (RX2);
- 3) Power cable (RX3);
- 4) Connector for connecting the monitor (RX4);

- 5) Trigger line in Green (RX5);
- 6) GND in back (RX6);

2. System Connection

A.) 2.4Ghz digital wireless RX:

1. Connect RX5 with one of the monitor connector
2. Power up the monitor by connecting the red line(M1) and black line(M2) with 12V DC power
3. Choose the channel which connect the RX and the monitor will show the picture like following, and the indicator light of RX(R3) will be green



B.) 2.4Ghz digital wireless TX

1. Connect the TX5 with camera
2. Power up the TX by connect the red line and black line with 12V—24V DC power, then the indicator light will be green



3. System pairing

A.) Manual pairing

Pairing of RX

1. Push the pairing button of RX 3 times within 10s;
2. The monitor will show the following picture (Pairing start and please finish the pairing in 50s)
3. The indicator light of RX(RX3) will flash orange.



Pairing of TX

1. Push the pairing button of TX 3 times in 10s;
2. The indicator light of TX (TX3) will flash orange.

Finishing the pairing

After 3-5 seconds, both indicator light of RX and TX will stop flashing and be orange. The monitor will show the picture



B) Pairing by reversing gear trigger 3 times within 10s

When reverse gear trigger 3 times within 10s, the RX and TX will start pairing automatically

C) Pairing by triggering green line (TX7 and RX7) 3 times within 10s

1) Power up the TX and monitor with RX by the same DC power:

Put the M2 and TX6 together and then connect to 12V DC power “-”

Put the M1 and TX8 together and then connect to 12V DC power “+”

2) Power up the system, the indicator light of RX and TX will be green.

3) Put the RX green line(RX7) and TX green line(TX7) together, and then trigger them with 12V DC power “+” 3 times in 10s, the RX and TX will start pairing automatically.

4. Specification

Frequency wireless transmission	ISM Band 2400MHz~2483MHz
Image transfer rate	D1 25fps/1 s
Video in	1.0VP-P CVBS
Video out	1.0VP-P CVBS
System startup time	3 Sec.
Video latency	≤110 ms
Transmission distance	120m in open area
Operation voltage	VT-9303TX:DC 12V~24V/1A;VT-9305RX:12VDC
Operation temperature	-20°C — +65°C
Dimension	115mm*110mm*26mm

5. Question and Answer

A. Why monitor is black?

Possibility: 1) Make sure turn on the monitor;

2) Make sure the connection between monitor and RX;

B. Why the monitor is blue without signal?

Possibility: 1) Make sure the RX and TX is powered up and both indicator light are green; then re-pairing the RX and TX again

C. Why the transmission distance of 2.4Ghz digital wireless system is very short?

Possibility: 1) Make sure the connection between the antenna and RX/TX

2) If you power up the system by battery, please check the battery capacity

6. FCC statement:

1) This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

2) Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.