

## I . Summary

TY-3000MW wireless video transmission equipment is an excellent all aspects of performance are more varieties, and its large power margin, more suitable for complex physical environment. The use of 0dB ( Original small antenna) in full to the antenna, the open area to ensure the transmission 1000-3000m or so, if the raising of the high gain directional antenna, increased to 3 km away. And transmitter technology is superb and the special metal is more conducive to heat, more suitable for long hours of work. Signal input with common AV interface ,it can easily work with camera, VCD, DVD and all other conventional AV interfaces compatible。

## II . Features

1. Wireless transmission: no need to set up communications cable
2. Image, audio sync, color black and white compatible
3. Small size, light weight, easy to carry, good installation
4. Responsive, timely, send and receive real-time transmission
5. Using FM mode, anti-interference ability, good image quality
6. Highly integrated, stable and reliable transmission distance
7. DC power supply, easy to use.

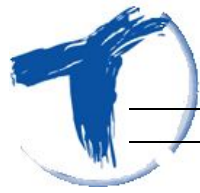
## III、 Technical Parameter

### 1. Transmitter

Channel number	15
Supply voltage	12V DC
Transmitting power	3000mw
Antenna input impedance	50Ω
Audio subcarrier frequency	Dual sound 6.0MHz/6.5MHz
Video input impedance	75Ω
Audio input impedance	600Ω
Transmission distance	Over 500m (line of sight, plus the antenna up to 2 km)

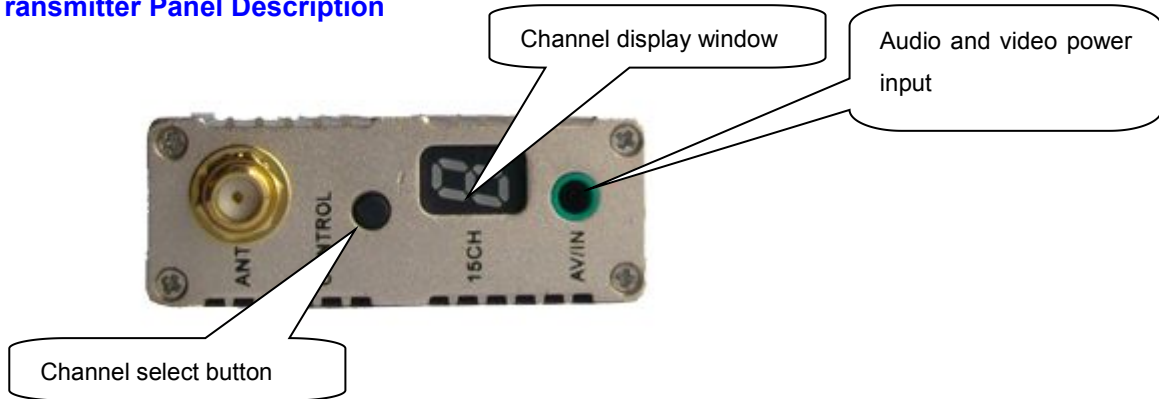
### 2. Receiver

Channel number	29
Supply voltage	12V DC
Receiver sensitivity	-80dB
Antenna input impedance	50Ω
Audio subcarrier frequency	Dual sound 6.0MHz/6.5MHz
Video output level	1Vp-p(75 Ω Impedance)
Audio output level	1Vp-p(600 Ω Impedance)

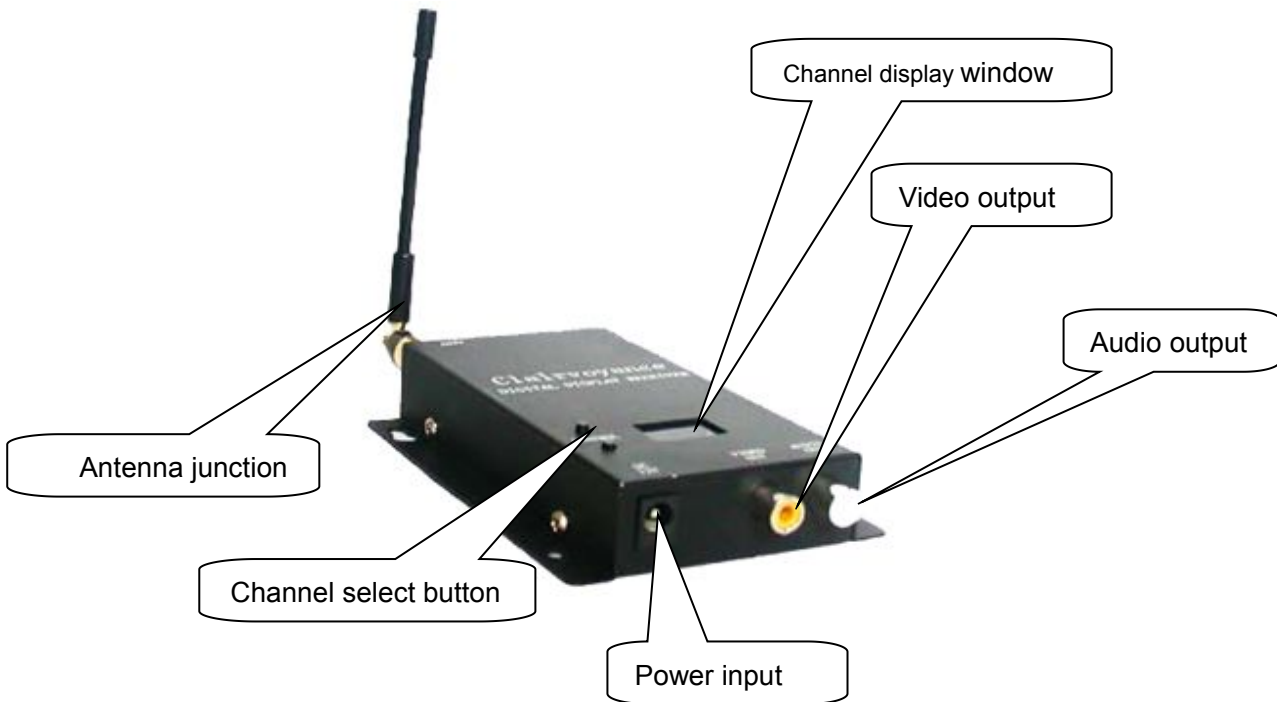


## IV. Panel Description

### 1. Transmitter Panel Description



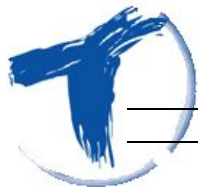
### 2. Receiver Panel Description



## V. Operation instructions

Correct installation method: First connect the receiver and transmitter system (see installation instructions). The case to determine correct connections (the first transmitter antenna must be connected), and then were connected to the power transmitter and receiver.

Energized, the transmitter and receiver are not pressing the channel selection key, then the transmitter and receiver are automatically locked in a particular channel (factory setting is usually 5 channels). If you use other channels, as long as the transmitter button is pressed lightly channel adjustment button, and then transferred to the receiver and transmitter channel corresponding channel can be.



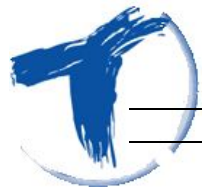
**Corresponding channel as follows:**

Transmitter Channel Display	Receiver channel display	Corresponding frequency
1	1	983MHz
2	2	1021MHz
3	3	1050MHz
4	4	1060MHz
5	5	1080MHz
6	6	1100MHz
7	7	1120MHz
8	8	1140MHz
9	9	1160MHz
A	10	1200MHz
b	11	1220MHz
c	12	1240MHz
d	13	1280MHz
E	14	1320MHz
F	15	1360MHz

## **VI. Installation methods and procedures:**

### **Installation methods and procedures**

1. From the packaging boxes, take out the receiver, transmitter, antennas etc...;
2. With a special connector cable to connect the high frequency antenna and the host;
3. Were fixed transmitter, transmitter antenna, receiver antenna
4. Use audio and video cable to the transmitter and the signal source (DVD. cameras and other AV output) connection, the receiver and monitor (TV, etc.) connection.
5. When power is open, the instructions on the red light
6. Adjust the transmitter and receiver channel, through monitor, so that the receiver's audio and video effects to achieve the best
7. If you want to increase the distance, you can increase the corresponding band high-gain antenna (general directional antenna ; helical directional antenna, Yagi antenna, grid-shaped antenna, parabolic antenna, etc.)
8. If outdoor installation, be sure to pay attention to the water.



## VII. Packing configuration list:



Transmitter	1PCS
Receiver	1PCS
Power supply	2PCS
Antenna	2PCS
AV line	2PCS
BNC Connector	1PCS
Manual	1PCS

## VIII. Notes

1. Before the antenna is not installed, do not starting up, or it may damage the system!
2. If using DC power supply, the proposed use 12V voltage power supply, and the power supply polarity as the internal positive and negative outside! Do not mistake!
3. If the transmitter signal source is mono, the audio transmitter receiver audio input and output should be to select a single channel.