



**PRODUCT**  
**INSTRUCTION**

**MODEL:**  
ZT-822TN

**PAGE:**  
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**DESCRIPTION**  
Wireless Camera

# ZT-822TN

## WIRELESS CAMERA USER'S MANUAL

**FCC Information**

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

**CAUTION:** Changes or modifications not expressly approved by Summer infant may void the users authority to operate this equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications, However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Consult the dealer or an experienced radio / TV technician for help.

REVISIONS	DESCRIPTION	DATE	DESIGN
ZHONGWANG TECHNOLOGY CO., LTD		APPROVAL	
PAGES TOTAL	FILE NUMBER	ISSUE DATE	CHECK
4			DESIGN

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**Operation instruction**

1. Connecting the receiver antenna. (Figure 1)
2. Connecting the 9V/12V direct current stabilizer (Figure 2), pilot lamp lighting (Figure 3).
3. Connecting the audio and video (figure 4) output with the input to the monitor, the television should be set on A/V model.
4. Connecting the audio and video output with the input of the transmitter.
5. Plug power jack of DC power supply(8V , 200mA)into the power socket of the CMOS camera(figure 6).(Battery of the same voltage is acceptable.)
6. Turning the micro-adjustment knob (figure 5) on the receiver till receiving the picture of the wireless camera.
7. Fine tune to the desire position till the image of CMOS camera is received.
8. Adjust the lens of the CMOS camera (figure 7) to best position.

**Notice**

1. The machine is supplied with many different types, please provide with electric power according the value on the label.
2. Obstructs by the building and so on will cause attenuation.
3. Normally that the machine will slightly warm up during operation.
4. Should any other malfunctions occur, please contact local distributor.
5. Under normal operational conditions, one year’s warranty is granted .if there are quality problems within 3 months, this company will unconditionally replace with a new camera.

**Waning**

This product is for the sole purpose of security and applicable for monitoring in residential houses, shops and companies. The user shall observe local rules, regulations and laws, and shall be solely liable in this regard. This company shall not be liable for any illegalities therein.

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<b>Technical Data</b>		
<b>ITEM</b>	<b>TYPE</b>	
<b>Transmission</b>		
Frequency	2.414~2.468GHz 4cH	
Electric power:	DC 8V	
Output power	0±3dBm	
Video input:	1.0V <sub>P-P</sub> (MAX)	
Power consumption current	80mA	
Audio input:	2V <sub>P-P</sub> (Max.)	
Effective range(no obstacles)	30m	
<b>CMOS</b>		
IMAGE SENSOR	1/3-inch CMOS Image Sensor	
CMOS TOTAL PIXELS	628*582	
SYNC SYSTEM	INTEMAL	
MINIMUM ILLUMINATION	1 L <sub>μ</sub> x F1.2 5600° K	
RESOLUTION	330TV Line	
WHITE BALANCE	Mode: AWB (Zero color rolling)	
	Range:3200~10000° K	
GAIN CONTROL	AGC	
S/N RATIO	48dB(Min)/60dB(TYP)(AGC OFF)	
ELECTRONIC SHUTTER	1/60~1/15,000sec	
CAMMA CORRECTION	0.45	
OPERATION TEMPERATURE	-10℃~50℃	
OPERATION HUMIDITY	85%RH	
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- ①: Receiver Antenna
- ②: Receiver Power Socket
- ③: Receiver Indicator
- ④: Audio & Video Jack
- ⑤: Monitor
- ⑥: Camera Power Jack
- ⑦: Flip-type Channel Controller
- ⑧: Adjustable Lens



**2.4G Receiver**

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