

## Byte Tango System 1080P Wireless Camera

### USER MANUAL



**BTC133**

Please read these instructions carefully before operating your new product.  
Keep this instruction manual in a safe place for future reference

## **FCC WARNING**

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. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 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.

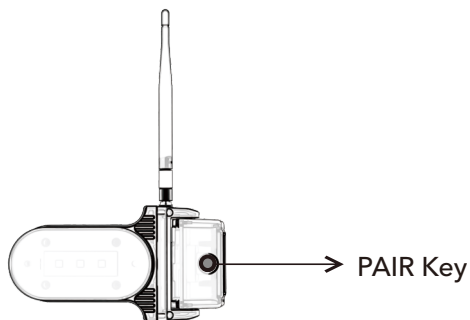
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

Image Device	1/2.9"CMOS
TV System	25 f/s    30 f/s
Effective Pixels	1920x1080 pixels
Pixel Size	2.8umx2.8um
Video Output	8bits YUV
Scanning System	Progressive Scanning
Sync.System	Internal
Gamma Consumption	0.45
AGC	Auto
White Balance	Auto
BLC	Auto
Electronic Shutter	Electronic Rolling Shutter
Operation Frequency	2400-2483MHz
Transmission Distance (barrier free)	300m(984ft)
Transmission Power	18dBm
Spread Spectrum	DSSS
Latency	120ms
RF Bit Rate	12Mbps
Minimum Illumination	0lux (LED ON)
Power Supply	DC10~32V
Night Vision Distance	8~10m(26~32ft)
Water Proof Rating	IP69K
Viewing Angle	120°
Audio	Yes
Operating Temperature	-20C~70°C, RH95%MAX.
Storage Temperature	-30C~80°C, RH95%MAX.

## PAIR BUTTON



## INSTALLATION

Package Contents:

1. Manual
2. 3.5dBi 2.4G Antennas x 2PCS
3. Self-tapping M2.6\*12mm screws (8pcs)
4. Philip's head M4.2\*38mm screws (8pcs)
5. Terminal Cap x 6PCS



Fig.1



Fig.2

Figure1/Figure2: Remove Marker Light From vehicle

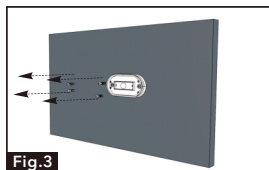


Fig.3

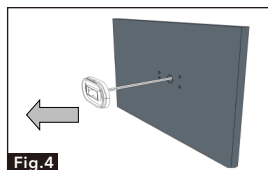
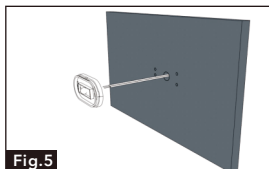


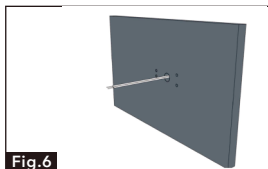
Fig.4

Figure3: Unscrew the LED Marker Light

Figure4: Remove the marker light and pull out the cables



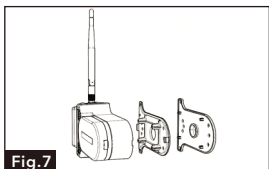
**Fig.5**



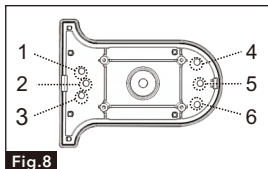
**Fig.6**

Figure5: Cutting the cables by a plier

Figure6: Stripping the cables to expose the conductive core



**Fig.7**

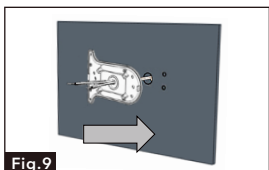


**Fig.8**

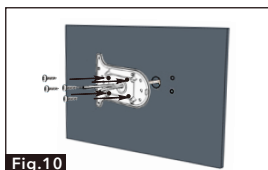
Figure7: Detach the base and gasket from the side marker light cameras.

Figure8: Secure the base and gasket on the vehicle by using M4.2\*38mm screws, aligning to the pre-install mounting holes.

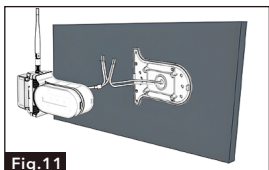
There are 6 mounting holes on the base and gasket, you only need to fix any 2 to 4 mounting holes.



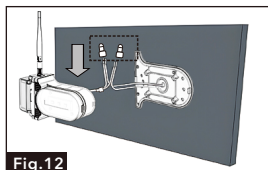
**Fig.9**



**Fig.10**



**Fig.11**



**Fig.12**

Figure9/Figure10: Align the base and gasket with the RV marker light screw holes and run the power cables through the base.

Figure11/Figure12: Connect the RV marker light cables to the camera power cables.

Ensure correct polarity when wiring the cables.

Put on the terminal caps. Wire connections and terminals must be sealed and waterproof.

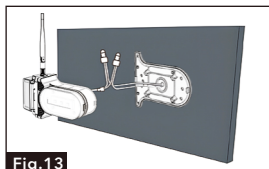


Fig.13

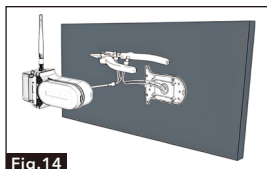


Fig.14

Figure13/Figure14:

Clamp the terminal tightly to make sure they are sealed and waterproof.  
Put the wires and terminals into hole and align the camera to screw holes.

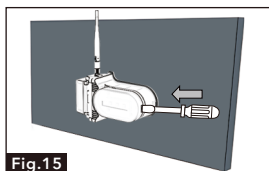


Fig.15

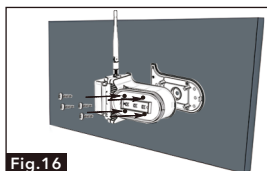


Fig.16

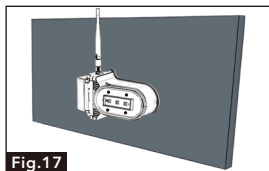


Fig.17

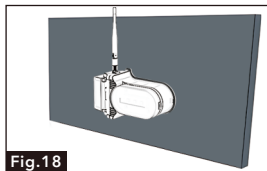


Fig.18

Figure15: Remove the camera LED cover by straight screwdriver

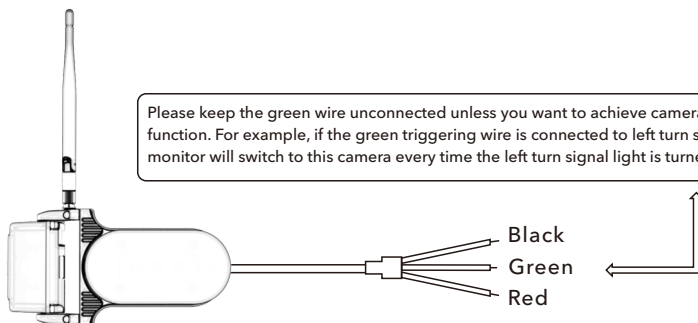
Figure16/Figure17: Secure the camera LED base on the vehicle using the 4pcs M2.6\*12mm screws.

Figure18: Replace the camera LED cover. Installation done.

## Connecting the Traffic Light

Route the power cable to the vehicle's 12/24V running light.

The cable must not interfere with the safe operation of the vehicle.



### Care and Cleaning

Though your monitor requires little care, you will still need to maintain its condition and performance by following the guidelines below.

- Keep your system away from excessive moisture, extreme heat or cold.
- Keep liquids away from the display.  
Occasionally clean the surface of the monitor with a soft cloth moistened with water or glass cleaner.

Only clean the unit with a dry cloth. Do not clean the unit with strong chemical agents or abrasive cleaners. Never spill liquid of any kind on the product. Do not allow residue or liquids to enter any part of the appliance as this may cause risk of electrocution. Always disconnect from the mains before cleaning.

**CAUTION:** Never use solvents such as benzene, thinner or cleaners available commercially to clean the system.