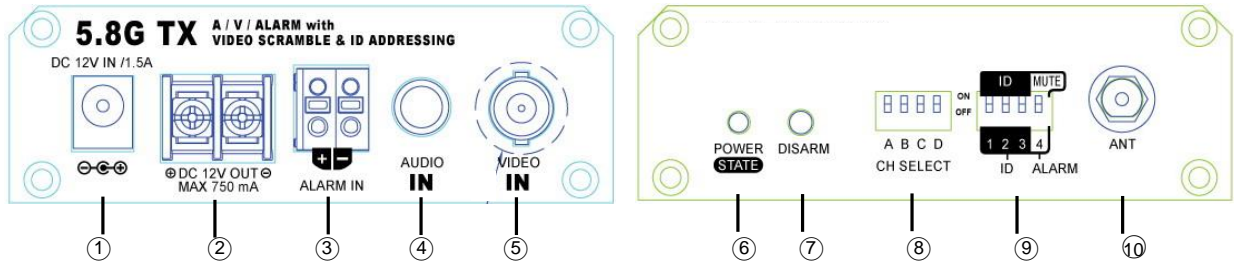


# 5.8GHz WIRELESS A/V/ALARM TRANSMITTER USER MANUAL

## 1. Panel View



1. DC+12V IN: Power input DC+12V/1.5A.
2. DC+12V OUT: DC+12V/750mA for box camera only, and with the over current protector.  
(Note: If you don't use this port for cameras, you can use the DC+12V/500mA adaptor.)
3. ALARM IN: Once triggered, the built-in buzzer rings on for a 20-sec time. This port could be connected to alarm sensor, e.g.: PIR Detector, Magnetic Reed Switch Detector.
4. AUDIO IN: RCA female for input audio signal.
5. VIDEO IN: BNC female for input video signal.
6. POWER/State LED: Indicated to power on and ARM status.

Indications	Power/State LED
Power On	On
ARM	High speed Flashing

7. DISARM: DISARM at TX transmitter's side only.
8. CH SELECT (A B C D): 5.8GHz transmission channel selection.

CHANNEL	CH SELECT	FREQUENCY (MHz)	CHANNEL	CH SELECT	FREQUENCY (MHz)
CH1	ON ↑ A B C D	5740	CH5	ON ↑ A B C D	5809
CH2	ON ↑ A B C D	5752	CH6	ON ↑ A B C D	5828
CH3	ON ↑ A B C D	5771	CH7	ON ↑ A B C D	5847
CH4	ON ↑ A B C D	5790	CH8	ON ↑ A B C D	5860

9. ID AND ALARM MUTE: ID address setting is use for paring with RX receivers. It must be make the same code setting to link transmitter and receiver each other. The alarm mute function is use for muting built-in buzzer at TX transmitter's side only.

Bit 1	Bit 2	Bit 3	ID Address (Pairing with RX)
0	0	0	0
0	0	1	1
0	1	0	2
0	1	1	3
1	0	0	4
1	0	1	5
1	1	0	6
1	1	1	7
(1 = SW ON, 0 = SW OFF)			

Bit 4	Alarm Mute
0	ON
1	OFF

10. ANT: RP-SMA connector for connected to 5.8 GHz antenna.

REMARK: When the frequency channels have the interference, adjust antenna or change the channel of transmitter and don't close to 802.11 a/b/g AP router and other 5.8GHz devices.

(Note: Please keep 3 ~ 5 meter away)

## 2. Caution for Installation

- 2.1 Be careful, never let any water in this equipment.
- 2.2 If necessary, use a soft cloth moistened with alcohol to wipe off the dust.
- 2.3 Be extra careful not to shake the unit.
- 2.4 Avoid places where temperatures exceed 50 ° C or higher.
- 2.5 Avoid places where there are frequent vibrations or shocks.
- 2.6 When any abnormalities occur, make sure to unplug the unit and contact your local dealer.

## 3. Packing

- |                            |             |
|----------------------------|-------------|
| 3.1 Transmitter            | ×1          |
| 3.2 Antenna                | ×1          |
| 3.3 User manual            | ×1          |
| 3.4 Screws                 | ×4          |
| 3.5 Plastic-Conical-Anchor | ×4          |
| 3.6 Power Adaptor          | ×1 [Option] |

## 4. Specification

CHANNEL	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
FREQUENCY	5740 MHz	5752 MHz	5771 MHz	5790 MHz	5809 MHz	5828 MHz	5847 MHz	5860 MHz
RF IMPEDANCE	50 Ω Typical							
POWER	DC12V/1.5A Adaptor							
CURRENT CONSUMPTION	230 mA Typical; Start-up current 500mA ( DC12V Input)							
DC OUTPUT	DC12V/750mA							
RF OUTPUT POWER	10mW							
VIDEO INPUT	1.0 Vp-p Composite @ 75Ω							
AUDIO INPUT	2.0 Vp-p Typical, 3.0 Vp-p Max. @ 600Ω							
ALARM INPUT	TTL/CMOS (Level Detection)							
DIMENSIONS	L:85 mm		H:30 mm		D:16 mm			

## FCC Part 15 Notice:

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.
1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
  2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.
  3. Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.