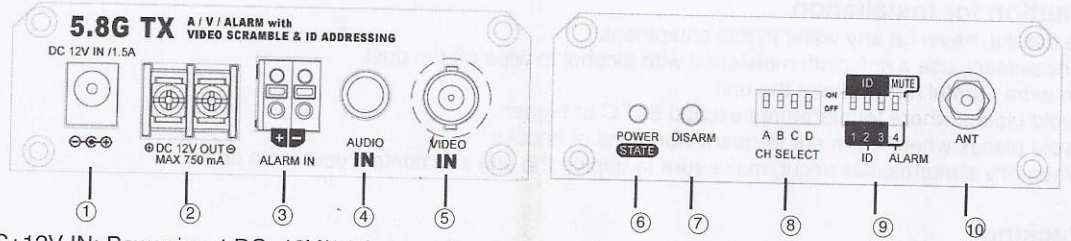


5.8GHz WIRELESS AV/ALARM TRANSMITTER USER MANUAL

MODEL:

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.
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 5800VHT transmitter's side only.
8. CH SELECT (A B C D): 5.8GHz 16-CH transmission channel selection.
(Note: If you want to use CH9 to CH16 with 5800VR, please reference to the **Appendix A**.)

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
CH9	ON ↑ A B C D	5700	CH13	ON ↑ A B C D	5620
CH10	ON ↑ A B C D	5680	CH14	ON ↑ A B C D	5600
CH11	ON ↑ A B C D	5660	CH15	ON ↑ A B C D	5580
CH12	ON ↑ A B C D	5640	CH16	ON ↑ A B C D	5560

9. ID AND ALARM MUTE: ID address setting is use for paring with 5800VR 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 5800VHT 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 antennas.

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, To use different transmitting channel would be avoid to interference other 5.8GHz device, especially set transmitting channel at CH9 to CH16.

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	x1	
3.2 Antenna	x1	
3.3 User manual	x1	
3.4 Screws	x4	
3.5 Plastic-Conical-Anchor	x4	
3.6 Power Adaptor	x1	[Option]

4. Specification

CHANNEL/ FREQUENCY	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
		5740 MHz	5752 MHz	5771 MHz	5790 MHz	5809 MHz	5828 MHz	5847 MHz
	CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16
	5700 MHz	5680 MHz	5660 MHz	5640 MHz	5620 MHz	5600 MHz	5580 MHz	5560 MHz
RF IMPEDANCE	50 Ω Typical							
POWER SUPPLY	DC12V/1.5A Adaptor							
CURRENT CONSUMPTION	390mA Typical , Start-up current 650mA (DC12V Input)							
DC OUTPUT	DC12V/750mA							
RF OUTPUT POWER	1.0 W							
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 (without Antenna)	L:85 mm		H:30 mm		D:110 mm			