

## IR Transmittor - Table Top

WR-8101-IRT-TT



### Description

Wretro's IR Transmittor is the tabletop sleek device designed for learning IR commands of the IR appliances. It can learn and transmit the infrared signals from common IR controllers. Also the unconventional IR signals, such as the high frequency carrier (like 60KHZ infrared carrier), over length infrared signal (from some air-conditioning remote controls).

LIVE SIMPLE  
LIVE SMART

### Main Features

- 1) With superstrong IR learning and emitting ability, the adaptive IR carrier frequency from 23 KHZ to 100KHZ, can learn and transmit the infrared signals from common IR controllers.
- 2) Owns the continuous learning function, multiple IR device signals can be learnt into one control command.
- 3) IR extension function: via the IR extension cable, the infrared can be extended to the place where the signal is not easy to reach
- 4) 210° IR horizontal emission angle.

### Note

1. The wireless IR transmitter is generally placed around the controlled IR device, the advisable distance is less than 10 meters. There should be no barrier between the IR transmitter and the controlled IR device, and it's not advisable to be installed at the place where people often walk around( like corridor ).
2. There is angular limitation for the infrared rays which are emitted from the IR window in horizontal and vertical direction. In particular cases, the IR extension cable can be used to extend the IR coverage.
3. To test the actual control result of wireless IR transmitter, adjust the position according to the actual position.

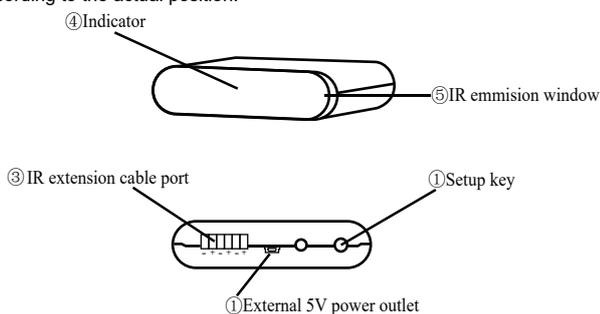


Figure 1: Total view

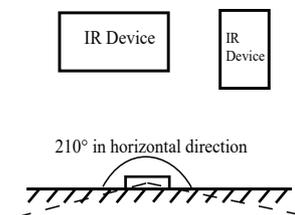


Figure 2: Top view

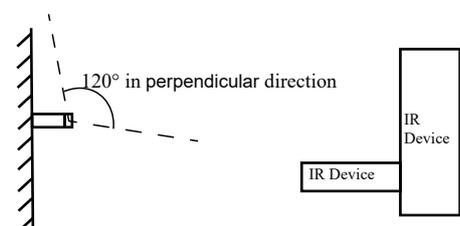


Figure 3: Side view

## Technical Parameters

Power Supply	DC 5V
Standby Current	$\leq 25\text{mA}$
Maximum Operating Current	$\leq 60\text{mA}$
Wireless Operating Frequency	433MHz
Wireless Transmit Power	$\sim 10\text{dbm}$
Wireless Receiving Sensitivity	$\leq -105\text{dbm}$
IR Control Range	10~15M
IR Emmission Angle	Horizontal $\leq 210^\circ$ , perpendicular $\leq 120^\circ$
IR Operating Wavelength	880~960nm
IR Carrier Frequency	23K~100K HZ
Working Temperature	0~40°C
Dimensions (L * W * H)	60mm*110mm*45mm
Weight(without power adapter)	69g