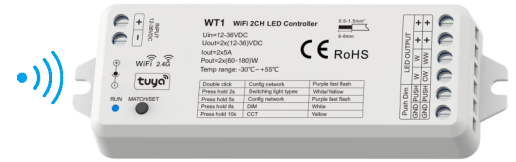


WT1 + R11



WiFi & RF LED Dimmer Kit

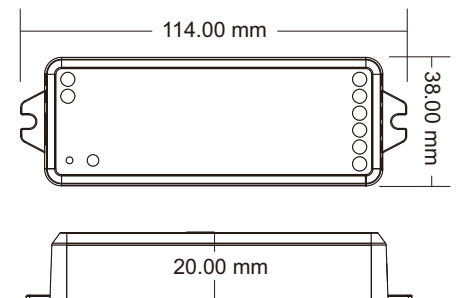
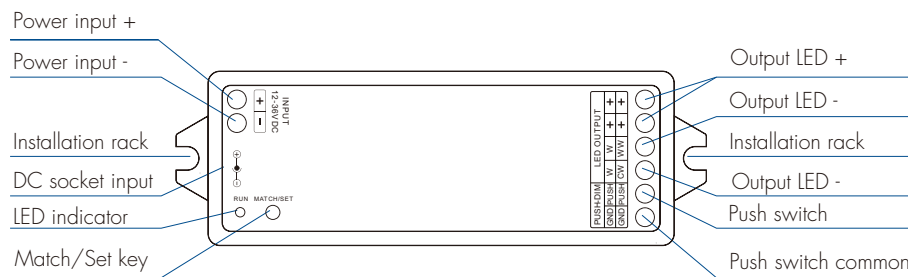
- Used for control single color LED strip.
- DC power socket input and 2 channel constant voltage output.
- Touch the remote control slider to adjust the brightness.
- Tuya smart APP cloud control, support on/off, color temperature and brightness adjust, delay turn on/off light, timer run, scene edit function.
- User need set DIM light type by press key before Tuya smart APP network connection.
- Connect with external push switch to achieve on/off and 0-100% dimming function.
- Light on/off fade time 3s selectable.



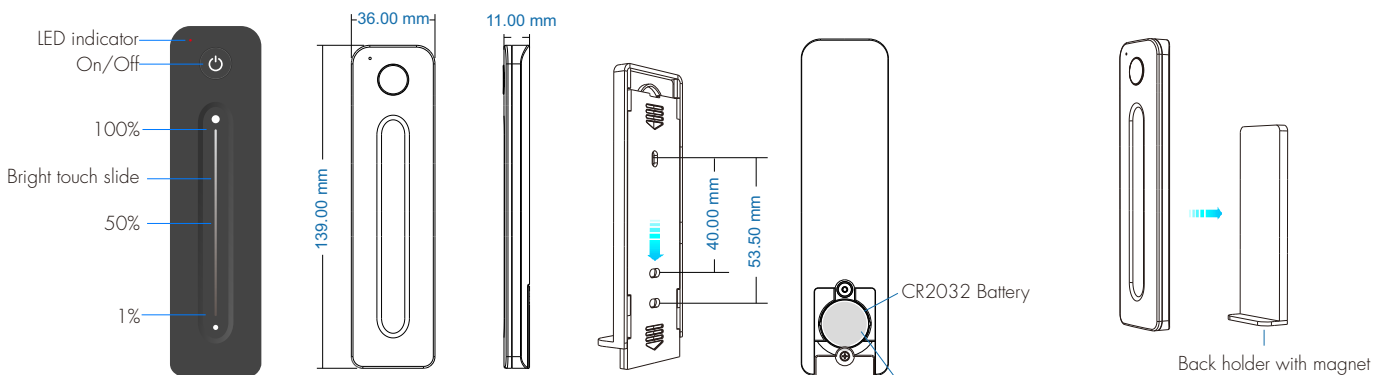
Technical Parameters

LED Receiver's Input and Output		RF Remote's Input and Output		Safety and EMC	
Input voltage	12-36VDC	Output signal	RF 2.4GHz	EMC standard	EN IEC 55015/EN IEC 61547 ETSI EN 301 489-1/-3
Output voltage	2 x (12-36)VDC	Working voltage	3VDC(CR2032)	Safety standard	EN 61347-1/-2 EN 62493
Output current	2CH,5A/CH	Working current	<5mA	Radio Equipment	ETSI EN 300 440
Output power	2 x (60-180)W	Standby current	<10µA	Certification	CE RoHS FCC
Dimming signal	WiFi + RF + Push Dim	Standby time	<1 years	Environment	
Dimming curve	Logarithmic	Remote distance	30m(Barrier-free space)	Operation temperature	Ta: -30 °C ~ +55 °C
PWM Frequency	2000Hz (default)				

Mechanical Structures and Installations



Remote Function



To fix the remote, three options are offered for selection:
 Option 1. Can be adsorbed directly onto metal surfaces.
 Option 2. Fix the remote' back holder on the wall with two screws.
 Option 3. Adhere the remote' back holder to the wall with paster.

Note:
 1. Before the first use, please remove the protective film on the battery.
 2. If the LED indicator is not on when press key, it is due to dead battery or bad contact caused by multiple plugging, please replace the battery, or raise the battery shrapnel with a screw driver.

Match Remote Control

End user can choose the suitable match/delete ways. Two options are offered for selection:

Use the WT1's Match key

Match:
 Short press match key of WT1, immediately press on/off key on the remote. The LED indicator fast flash a few times means match is successful.

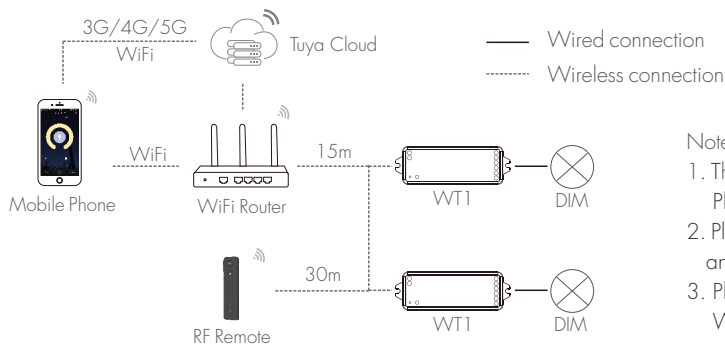
Delete:
 Press and hold match key of WT1 for 5s to delete all match, The LED indicator fast flash a few times means all matched remotes were deleted.

Use Power Restart

Match:
 Switch off the power of WT1, then switch on power, repeat again. Immediately short press on/off key 3 times on the remote. The light blinks 3 times means match is successful.

Delete:
 Switch off the power of WT1, then switch on power, repeat again. Immediately short press on/off key 5 times on the remote. The light blinks 5 times means all matched remotes were deleted.

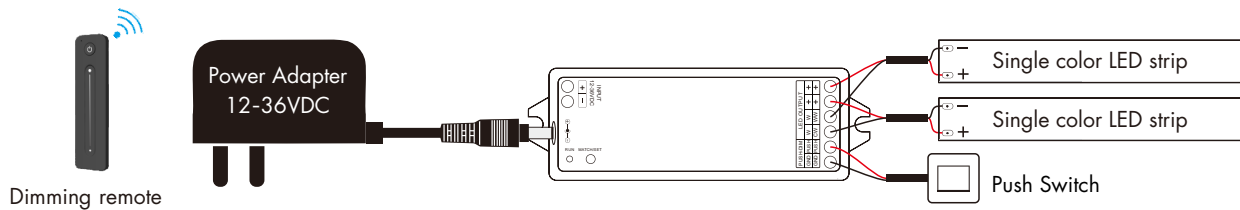
System Wiring



Note:

1. The above distance is measured in spacious (no obstacle) environment, Please refer to the actual test distance before installation.
2. Please check if the WiFi router net in 2.4G band, the 5G band is not available, and do not hide your router network.
3. Please keep the distance between WT1 devices and router close, and check the WiFi signals.

Wiring Diagram



Press and hold match/set key for 8s, until the RUN LED indicator turn white, then release, the controller will become DIM type, then do smart config by Tuya smart APP, or short press match key to match with dimming RF remote.

Note:

1. User can connect constant voltage power supply or power adapter as power input.
2. Switch off the power, then switch on power, repeat again. Immediately short press match key 3 times, the light on/off time will change between 3s and 0.5s.

Push Dim

DIM Single color	Click	ON/OFF
	Double Click	Turn on at 100% or 10% (night light) and vice-versa
	Long press(>1s) from OFF	Dimming UP/DOWN
	Long press(>1s) from ON	Dimming UP/DOWN

Tuya Smart APP Network Connection

Push twice Match/Set key fastly, or press and hold Match/Set key for 5s, or press and hold Match/Set key for 8s to set DIM light type:
Clear previous network connection, enter WiFi config mode, the purple LED indicator flash fastly, the output LED will flash 10 times.

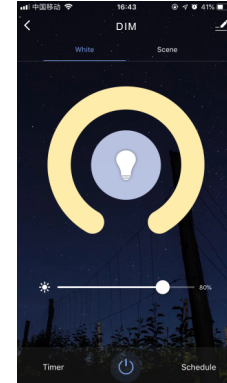
Repeat power on and off for 5 consecutive times, also clear previous network connection, enter WiFi config mode, the output LED will flash 10 times.

If Tuya smart APP network connection succeed, the RUN LED indicator will stop flash purple, and turn corresponding light type color (White: DIM). and in Tuya smart APP, you can find DIM device.

When controlling the light with Tuya Smart/Smart Life APP, if the network connection is poor, you can control the light with Bluetooth connection within the Bluetooth control range.

Note: The light can not be directly controlled by Bluetooth without WiFi configuration.

Tuya smart APP interface operation:
Touch brightness slide to adjust brightness.



Safety Information

1. Read all instructions carefully before you begin this installation.
2. When installing battery, pay attention to the battery positive and negative polarity.
A long time without the remote control, remove the battery.
When remote distance becomes smaller and insensitive, replace the battery.
3. Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children.
Do not dispose of batteries in household trash or incinerate.
4. Do not force discharge, recharge, disassemble, or heat the battery.
5. Stop using the product if the battery compartment is not securely closed.
6. If swallowing occurs seek medical attention immediately.
7. Gently handle remote, beware of falling.
8. For indoor and dry location use only.

FCC ID Statement:

Mobile

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

IC ID Statement:

Mobile

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.