

WI-RF-IR2

2 CHANNEL IR TRANSMITTER MODULE

Reliable Control. Universal Compatibility.

The Sonetnix WI-RF-IR2 2 Channel IR Transmitter Module lets you control IR based devices like TV, AC, Set-top Box, Music System and more. Designed for seamless integration with Sonetnix smart automation systems via Wi-Fi (2.4GHz) or RS-485 communication.



2 CHANNEL
IR TRANSMITTER



Wi-Fi (2.4GHz) &
RS-485 COMMUNICATION



WIDE COMPATIBILITY WITH
IR ENABLED DEVICES



EASY INSTALLATION
WALL MOUNTING



PRODUCT OVERVIEW

Sonetnix WiFi Smart device controlling your lighting & Home appliances. The whole system goes on your wall accompanied by insert Switchboard Modules which sit behind your existing switchboards. The switchboard module enables your appliances to communicate with the Brain of the system, which acts as a connectivity hub, letting you control your appliances through the Smart phone app.



KEY FEATURES

- ✓ 2 Channel IR Transmitter Module
- ✓ Anti-shock switching
- ✓ Hassle free installation & No rewiring
- ✓ OTA update support
- ✓ Optional RS-485 communication
- ✓ Easy control of all type of devices
- ✓ Wide compatibility with IR based appliances (TV, AC, Set-top Box, Music System and more)



APPLICATIONS



DIMENSIONS & WEIGHT

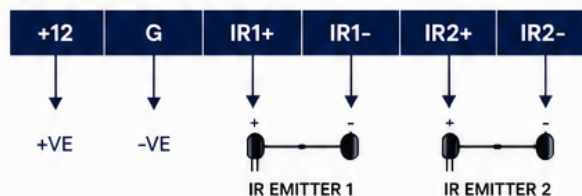


WEIGHT
: 120 Grams

Length : 84mm | Width : 54mm | Height : 25mm | Weight : 120 Grams



WIRING DIAGRAM



+12 : +12 VDC INPUT
G : GROUND
IR1+ : IR EMITTER 1 +
IR1- : IR EMITTER 1 -

IR2+ : IR EMITTER 2 +
IR2- : IR EMITTER 2 -



TECHNICAL SPECIFICATION

Operating input voltage	+12 VDC
IR frequency	20 - 50 kHz
Communication protocol	Wi-Fi (2.4GHz) / RS-485
Range (Line of Sight)	8 Meter
Wi-Fi signal strength min	≥ 50 %
Operating temperature	0°C - 45°C
Product size	84mm x 54mm x 25mm
Shockproof	No
Water resistance	No



INDICATIONS

S	Orange	(1) Orange LED - System Power / Standby
ST	Yellow	(1) Yellow LED - Wi-Fi Status
SX	Green	(1) Green LED - Communication Status (Wi-Fi / RS-485)
NW	Green	(1) Green LED - Normal Working Status
PW	Red	(1) Red LED - Power Input Status



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