PROCOLOR-WIFI-002 Wi-Fi module

The Procolor-WIFI-002 will get you up and running with your ProColor display even faster. The quick and easy way to connect the panel to your school network.

Features

- Dual band: 2.4GHz/5GHz using 802.11 ac
- Intended for connecting compatible Boxlight Interactive Flat Panel Displays to the school's local area Wi-Fi
- Can also be configured as a local hotspot
- Auto-adjusts bandwidth and auto-selects channel to maximize data rate

Specifications

Interface	
USB 2.0	Female connector

Radio Frequency (RF)	
Antenna	1 x Bluetooth 1 x Wi-Fi 2.4 and 5 GHz
Main chipset	Realtek RTL8821AU-VS
Wi-Fi standards	802.11 a/b/g/n/ac
Bluetooth standard	Support 2.1/3.0/4.0
Operating frequency	2.4G&5G (5150MHz-5250MHz&5725MHz-5825MHz)
Wi-Fi modulation	11b: DBPSK, DQPSK and CCK and DSSS 11a/g: BPSK, QPSK, 16QAM, 64QAM and OFDM 11n: BPSK, QPSK,16QAM,64QAM and OFDM 11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM and OFDM
Bluetooth modulation	FHSS,GFSK,DPSK,DQPSK
Data rates	Up to 433.5Mbps

Environmental	
Operating voltage	5 VDC
Power consumption	< 2.5W
Operating temperature	0℃-40℃ (32°F - 104°F)
Operating humidity	10% - 90%
Storage temperature	-20℃ -60℃ (-4°F - 140°F)
Storage humidity	10% - 90%

Weights and Measures	
Gross weight	80g (2.8 oz.)
Net weight	30g (1.1 oz.)
Dimension(package) L x W x H	157 mm x 90 mm x 16 mm (6.2" x 3.5" x 0.6")
Dimensions (device)	77 mm x11 mm x 99 mm (3.03" x 0.4" x 3.9") See diagram

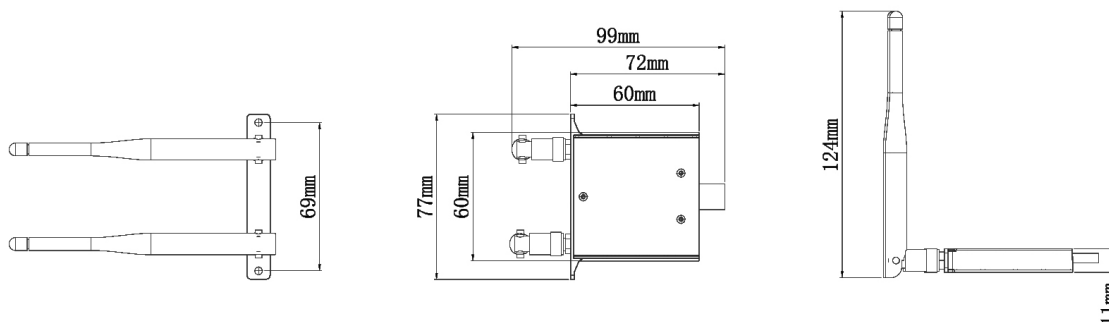Specifications are subject to change without notice.

What's in the box:

PROCOLOR-WIFI-002 Wi-Fi module
2x Antenna
Instructions

Drawings

Additional Images