

11AC WiFi Extender Smart Plug

Description

11ac WiFi Smart Extender Plug gives you wireless control of your home appliances and electronics, scheduling power ON/OFF control by internal Relay. The Wi-Fi Extender expands the range, Making use of 802.11AC technology, it not only upgrades your network to the next level but also eliminates dead spots, while offering backward compatibility with 802.11n, 802.11g, and 802.11b devices.

Optimize your existing WiFi network and extend it to hard-to-reach places with the next generation AC WiFi technology. PLW72PMx WiFi Range Extender delivers fast WiFi speed and connectivity for smartphones, tablets, laptops and more – allowing you to enjoy your favorite entertainment throughout your home.

Features

- WiFi 11ac 433Mbps Range Extender
- Supports new 802.11ac and b/g/n WiFi devices.
- Smart phone Apps (iOS,Android) access and track energy usage.
- Energy management monitoring (kw/h) & Control (on/off)
- Web application provides remote access.
- Smart plug is Secured & easy Set up
- UDID supports remote power on/off (option)
- Zero-Crossing cut (Cut off the relay at the point of zero-crossing.)
- Over current protection (Cut-off the relay when the current is over the threshold.)
- External antennas for better performance.

SPECIFICATION

Chipset	MT7620A + MT7610E
Host Interface	AC Plug (US / JP / EU/ UK Type)
FLASH	8 MB
DDR2	64MB
Radio	
Antenna	2 PCS of dipole antennas
Operating	2.412 - 2.484GHz(Subject to Local Regulations) 5.15 - 5.35 GHz, 5.47 - 5.825 GHz
Data Rate	802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: up to 300Mbps 802.11ac: up to 433Mbps
Modulation	802.11b: DSSS(DBPSK, DQPSK, CCK) 802.11g: OFDM(BPSK, QPSK, 16-QAM, 64-QAM) 802.11n: OFDM(BPSK, QPSK, 16-QAM, 64-QAM) 802.11ac: OFDM(BPSK, QPSK, 16-QAM,
Transmit Power	802.11b: 16+/-1.5dBm@11Mbps 802.11gn HT20: 14+/-1.5dBm@MCS7 802.11gn HT40: 14+/-1.5dBm@MCS7 802.11an HT20: 13+/-1.5dBm@MCS7 802.11an HT40: 13+/-1.5dBm@MCS7 802.11ac HT20: 12+/-1.5dBm@MCS8 802.11ac HT40: 11+/-1.5dBm@MCS9 802.11ac HT80: 11+/-1.5dBm@MCS9
Receive Sensitivity	11n: ≤ -65 dBm typical with 20MHz ≤ -62 dBm typical with 40MHz 11g: ≤ -68 dBm typical @ 54Mbps 11b: ≤ -80 dBm typical @ 11Mbps 802.11ac: -57dBm+/-2dBm @HT20 MCS8 802.11ac: -54dBm+/-2dBm @HT40 MCS9 802.11ac: -51dBm+/-2dBm @HT80 MCS9
Power Consumption	6 W
The maximum current of outlet	
PLW72PMA/PLW72PMS : 15A / PLW72PME/PLW72PMK : 13A	
Environmental	
Operating	0~40°C. 10% to 90% Non-Condensing
Storage	-30 ~ 70°C. 10% to 95% Non-Condensing
Operating Voltage	100~240 V
Physical Specification	
Dimension (included dipole antennas)	
PLW72PMA-US	104.16 (W)* 96.46(D) *60.3(H) +0.5 mm
PLW72PMS-JP	104.16 (W)* 96.46(D) *56.9(H) +0.5 mm
PLW72PME-EU	104.16 (W)*110.96(D) *77.5(H) +0.5 mm
PLW72PMK-UK	104.16 (W)* 96.46(D) *71.8(H)+0.5 mm

