

Outdoor Wireless AP 5GHz (model: OWAP5G)

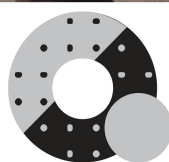


General Features

- IEEE 802.3u 100Base-TX Ethernet
- IEEE 802.11b/g/n Wireless LAN
- IEEE 802.11i Wireless Security
- Modulations:
OFDM / BPSK / QPSK / CCK / DQPSK / DBPSK
- Max. 5km (LOS) Transmission Distance
- Two-way Communications
- Optimized for Video Streaming
- Weatherproof & dust proof: IP55 protection
- HK OFTA regulations compliant
- License-free 5.180 ~ 5.825GHz frequency



Outdoor
Wireless AP



2015
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Radio Specifications

Antenna (Internal)	Built-in 14dBi Dual-Polarization Antenna
Antenna (External)	SMA-R female connector (x2)
Antenna Configuration	2 x 2 (2 Tx & 2 Rx)
Memory	DDR: 32MB Flash: 8MB
Modulation	OFDM: BPSK / QPSK / 16-QAM / 64-QAM / DSSS / CCK / DQPSK / DBPSK
Channel Bandwidth	40MHz / 20MHz / 10MHz / 5MHz
Data Rate	IEEE802.11a : 54, 48, 36, 24, 18, 12, 9, 6 Mbps IEEE802.11n : 135, 117, 108, 81, 78, 65, 54, 53, 39, 27, 26, 18.5, 13, 6 Mbps
RF Frequency	5.180GHz ~ 5.825GHz selectable
RF Output Power	e.i.r.p.: 100mW ~ 10mW controllable e.r.p: less than 10μW
Receiver Sensitivity	IEEE 802.11a: -92 ~ -73dBm @ 6Mbps ~ 54Mbps IEEE 802.11n: -94 ~ -73dBm @ MCS0 ~ MCS15
Regulatory Compliance	CE, RoHS
Standards Compliance	IEEE 802.11a/n Wireless LAN IEEE 802.11i Wireless Security IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Ethernet IEEE 802.3x Flow Control
Encryption	64/128-bits WEP, WPA, WPA-PSK, WPA2, WPA2-PSK, 802.1X
Power Input	POE only

Firmware Specifications

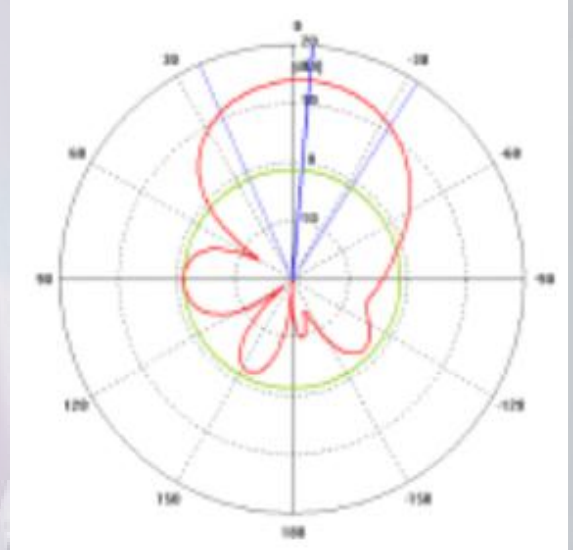
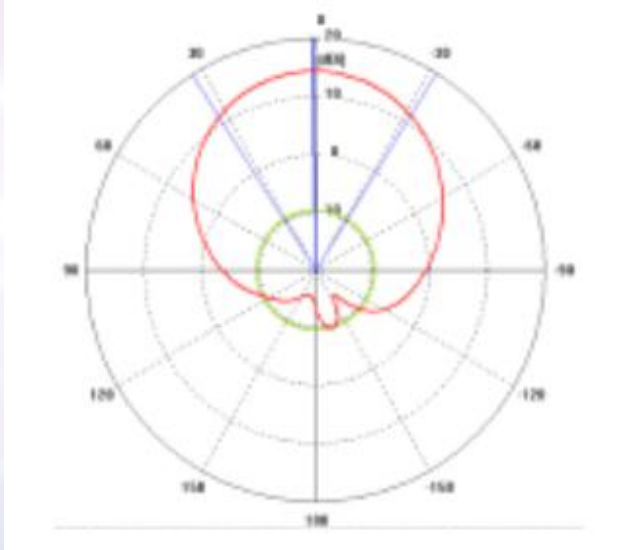
Operating System	Embedded Linux
Firmware	Web-based Management Software
Wireless Security	Open system / Shared Key (64/128/152-bits WEP) / 802.1X only / WPA / WPA2 / WPA-PSK(TKIP) / WPA2-PSK(AES)
Remote Management	Embedded Web-based Management Software Telnet support (password-protected access to internal configuration manager) SNMP management , FTP

Physical Specifications

Operating temperature / humidity	-35°C to 65°C / 95% or less, Non-condensing
Dimensions (H x W x D)	262mm x 88mm x 62mm
Casing & Packing	IP55, Plastic , RoHS Compliant , Outdoor UV Stabilized Enclosure
Weight	~360g

Antenna Patterns

Horizontal Pattern: 65°



Vertical Pattern: 15°

