



CPE OT-2615

Datasheet



## DESCRIPTION

Overtok Outdoor 11b/g/n CPE – 2615 is long distance wireless LAN Outdoor integrated solution. With “High Power AP Router + Build in Antenna. This device with integrated powerful radio and antenna in a weather proof enclosure offers a cost-effective solution for hot spotto make to point and point to multi-point. It is designed to provide good performance with minimum Power consumption and enhance the advantages of robust system and cost-effective.

## TECHNICAL FEATURES

- Outdoor CPE Wlan Broadband AP/Router with Antenna.
- High Power Wireless Radio CPE
- CPE/AP/Router/Client/Bridge/Repeater for 802.11b/g/n
- Weather proof Radio Compartment
- Integrated Radio/Wlan/Antenna Unit.
- 802.11 b/g/n Applications.

## SPECIFICATIONS

Ethernet Connection	2RJ45 10/100 Mbps data port
Standard	IEEE 802.1D (Spanning Tree Protocol) IEEE 802.11b (11 Mbps Wireless LAN) IEEE 802.11g (54 Mbps Wireless LAN) IEEE 802.11n Draft 2.0 (150 Mbps Wireless Lan) IEEE 802.1x (Network Access Control) IEEE 802.3 (10Base-T Ethernet) IEEE 802.3u (100Base-TX Fast Ethernet)
OperationModes	Gateway mode Bridge mode Wisp mode
PoE Power Adapter	12V/DC @ 1.25A 1.5A
External PoE Injector	IEEE 802.3 (Ethernet)
Mounting	Hose Clamp
Enclosure	Weather Proof Enclosure
Integrated Antenna	Two 12dBi Panel Antenna
Radio	IEEE 802.11b/g/n
Temperature	0 – 50° C
Humidity	10 – 95% RH, non-condensing
Radome Material	ABS, UV resistant

Dimension	259 x 215 x 98 mm
LightingProtection	PoE surge protector (option)
Frequency Range	2.400Ghz – 2.483Ghz
Modulation Technologies	802.11b: Directsequence Spread Spectrum (DSSS): DBPSK, DQPSK, CCK 802.11g: Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM 802.11n :Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM
Security	WEP encryption (64/128bit) WPA TKIP WPA2 AES WPA2 mixed WPA Radius 802.11x Authentication Internal MD5/PEAP Radius server Client access control through media access control (MAC) filter
Data Rate	IEEE 802.11b (11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps) IEEE 802.11g (54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 18 Mbps, 12 Mbps, 9 Mbps, 6 Mbps). IEEE 802.11n (MCS0-15: upto 150 Mbps)
Transmit Power	OFDM: 23 dBm +/- 1.5dBm (300 Mbps, 40mW max.) OFDM: 23 dBm +/- 1.5dBm (54 Mbps, 40mW max.) CCK: 28dBm +/- 1dBm (11 Mbps, 63 mW max.)
Receiver Sensitivity	11n (150 Mbps) MCS0-15: -73dBm. 11g (54 Mbps) OFDM: -73dBm. 11b (11 Mbps) CCK: -91 dBm
14dBi Antenna spec	
Frequency Range	2400 ~2500 MHz
Gain	14dBi
VSWR	18:1 Max.
Impedance	50 Ohms
Polarization	Linear Vertical
HPBW/Horizontal	30
HPBW/Vertical	30
Power Handing	50Watts (CW)
Survival Wind Speed	216Km/Hr