

CPE OVERTEK OT-2615



Description

OT-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 weatherproof enclosure offers a cost-effective solution for hotspot to make to point to point and point to multi-point solution. It is designed to provide good performance with minimum power consumption and enhance the advantages of robust system and cost-effective.

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
- Weatherproof Radio Compartment
- Integrated Radio /WLAN/Antenna Unit
- 802.11 b/g/n Applications

Specification

Model Name	OT-2615
Ethernet Connection	2 RJ45 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)
Operation Modes	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	WeatherProof 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
Lighting Protection	PoE surge protector (option)
Warranty	1 Year
Manual	Manual CD
Frequency Range	2.400 GHz - 2.483 GHz
Modulation technologies	802.11b: Direct sequence 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 (64/128 bit) WPA TKIP WPA2 AES WPA2 mixed WPA RADIUS 802.1x 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: up to 150 Mbps)
Transmit Power	OFDM: 23 dBm +/- 1.5 dBm (300 Mbps, 40 mW max.) OFDM: 23 dBm +/- 1.5 dBm (54 Mbps, 40 mW max.) CCK: 28 dBm +/- 1 dBm (11 Mbps, 63 mW max.)
Receiver Sensitivity	11n (150 Mbps) MCS0-15: -73 dBm; 11g (54 Mbps) OFDM: -73 dBm 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
Front Back Ratio	14dB
Power Handling	50 Watts (CW)
Survival Wind Speed	216 Km/ Hr