



ZCN-1523H-2-8

IEEE 802.11b/g/n 2.4GHz WIRELESS LAN OUTDOOR CPE/AP

- Compliant with IEEE802.11b/g/n
- High Reliable Waterproof (IP55 Enclosure)
- Embedded 8dBi directional antenna, with optional external N-type interface
- High output power 600mW
- Passive PoE 12V
- Support distance up to 10Km

ZCN-1523H-2-8 is a product compliant to the 802.11n standard to support higher bandwidth for wireless internet service. Its easy-to-install features make the installation no longer tedious and heavy. ZCN-1523H-2-8, 2.4GHz access point/CPE features outstanding throughput performance and a cost-effective design that allows for reliable equipment at affordable prices.

Flexible Deployment by PoE

ZCN-1523H-2-8 comes with PoE compatibility which enables to be used in locations where socket availability is limited or nonexistent.

Easy installation & Configuration

A web-based utility offers system administrators an easy method to upgrade the firmware and manage the device over the internet. Using SNMP, the ZCN-1523H-2-8 supports multiple access point configuration from one location. LED indicator simplifies the configuration and alignment process.

Enhanced Throughput

The ZCN-1523H-2-8 is compliant with the 802.11n standard to provide much higher data rate than a traditional 802.11g solution. It supports a 40Mbps data rate (throughput) up to 5Km distance controlled. Embedded 8dBi internal antenna with extensive wireless coverage and upgradable external N-type interface which as a scalable solution.

Product Description			
Draft IEEE 802.11b/g/n 2.4GHz WIRELESS LAN OUTDOOR CPE / AP			
Standard Compliance			
IEEE802.3u MDI / MDIX 10/100 Fast Ethernet IEEE802.11b/g wireless LAN interface IEEE 802.11n draft wireless LAN standard			
Power Consumption			
900 mA			
Radio			
Antenna	Default embedded 8dBi directional antenna (Vertical-Pol) Reserve N-type Connector (Plug) *Switchable by SW		
Output Power * Band edge exclusive (Controllable for different country regulations)	IEEE 802.11b: 27.5dBm @ 11Mbps	IEEE 802.11g: 27.5dBm @ 6Mbps	IEEE 802.11gn: 27.5dBm @ HT20 27.5dBm @ HT40
Sensitivity	IEEE 802.11b: -88dBm @ 11Mbps	IEEE 802.11g -73dBm @ 6Mbps	IEEE 802.11n -70dBm @ HT20 -67dBm @ HT40
Operating Frequency	IEEE 802.11b/g ISM Band; 802.11gn 20MHz US, Canada: 2.412GHz ~ 2.462 GHz , EU: 2.412 GHz ~ 2.472 GHz		
	IEEE 802.11gn 40MHz Band US, Canada : 2.422GHz ~ 2.452GHz, EU : 2.422GHz ~ 2.462GHz		
Modulation	IEEE 802.11b (DSSS): CCK, DQPSK, DBPSK IEEE 802.11g/n (OFDM/DSSS): QAM-64, QAM-16, QPSK, BPSK		
Software Specification			
Operation Mode	CPE, AP		
Security	WEP 64,128, 152-bit, WPA/WPA2, WPA-PSK/WPA2-PSK, 802.1X Authentication		
Management	Telnet, FTP, SNMP, Password Changes, Firmware updates, Configuration Files		
Advance Settings	Radio on/off, WMM/Regatta Mode, Output Power Control, Fragmentation Length, Beacon Interval, RTS/CTS threshold, DTIM Interval		
Physical Specification			
Dimension	228mm(L)×64mm(W) x61mm(H)		
Weight	<500g		
Enclosure	High Reliable Waterproof		
Environment Specification			
	Temperature (Ambient)	Humidity (non-condensing)	
Operating	-20 ~ 70 °C	10 ~ 95%	
Storage	-30 ~ 80 °C	10 ~ 95%	
Warranty			
12 months			



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