ZCOM

XN-1525Z-A02

Ultimate Performance

XN-1525Z-A02 is a draft 2.0 802.11n wireless AP that delivers incomparable wireless performance for your environment. This wireless AP delivers up to 5x faster speeds than 802.11g while staying backward compatible with 802.11g and 802.11b networks.

Enhanced Multimedia Support

XN-1525Z-A02 employed WMM (WiFi Multimedia) technology, enabling multimedia applications to secure the largest bandwidth share on a wireless network. Complying to the IEEE 802.11e WLAN QoS draft standard, this product will improve user' Internet experience from plain data transmission to rich multimedia enjoyment without waiting.

Multiple operating modes

The XN-1525Z-A02 has a 4-in-1 design comprising of AP, Repeater, Client, Bridge operating modes to give greater flexibility for WLAN network deployments.

Product Description			
Draft IEEE 802.11b/g/n 2.4GHz WIRELESS ACCESS POINT			

Standard Compliance			
IEEE802.3u MDI / MDIX 10/100/1000 Fast Ethernet IEEE802.11b/g/n wireless LAN interface			

Radio			
Antenna	2 * detachable 3dBi dipole antennas (SMA-R)		
Output Power * Band edge exclusive (Controllable for different country regulations)	IEEE 802.11b: 20dBm @ 11Mbps	IEEE 802.11g: 20dBm @ 6Mbps	IEEE 802.11gn: 23dBm @ HT20 21dBm @ HT40
Sensitivity	IEEE 802.11b: -91dBm @ 1Mbps	IEEE 802.11g -86dBm @ 6Mbps	IEEE 802.11n -86dBm @ HT20 -84dBm @ 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	AP, Repeater, Client, Bridge
Security	• MAC address filtering through WLAN (support 128 account) • IEEE 802.1x security (EAP-TLS, EAP-TTLS, PEAP, EAP-SIM, -FAST, -AKA) • 64/128-bits WEP • Both WPA/WPA2 PSK & Enterprise support • Mixed WPA& WPA2 mode (support both WPA and WPA2 clients)
Management	• Telnet, FTP, SNMP, Password Changes, Firmware updates, Configuration Files • Embedded Web Configuration management • Command-line interface • Telnet support (Password-protected telnet access to internal configuration manager). • FTP/Web for firmware downloading and configuration backup and restore. • Telnet remote access support. • Built-in Diagnostic Tool • SNMP Management (v1, v2C, C3)

Physical Specification	
PCBA Dimension	113.5mm(L) × 85mm(W) × 17.26mm(H)
Weight	<500g

Environment Specification		
	Temperature (Ambient)	Humidity (non-condensing)
Operating	0 ~ 50 ℃	10 ~ 90%
Storage	-30 ~70 ℃	10 ~ 90%

Warranty
12 months

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