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WX-5500 IEEE 802.11a Access Point General Specification Sheet

Rev. Beta 01

Product Name	54 Mbps Wireless LAN Access Point
Model Number	WX-5500
Ethernet Interface	10/100 Base-T with auto sensing Full duplex (RJ45) connector
Frequency Band	Unlicensed National Information Infrastructure (U-NII) frequency band, 5.15GHz to 5.35GHz (subject to local regulations)
Number of Channel	5.15 5.25GHz (lower band) Four 20MHz Channels 5.25 5.35GHz (middle band) Four 20MHz Channels
Power Adapter	Input: AC 100~240V, 0.35A Output: DC 3.3V, 4A
Spreading	Orthogonal Frequency Division Multiplexing (OFDM)
Data rate	54, 48, 36,24,18,12, 9, 6 Mbps per channel, auto fallback for extended range
Security	64/128/152-bit WEP Encryption
Transmit Power	Max. +18dBm
Receive Sensitivity	Nominal Temp Range: <ul style="list-style-type: none"> - 6Mbps 10-5 BER @ -88 dBm, typical - 9Mbps 10-5 BER @ -87 dBm, typical - 12Mbps 10-5 BER @ -86 dBm, typical - 18Mbps 10-5 BER @ -84 dBm, typical - 24Mbps 10-5 BER @ -81 dBm, typical - 36Mbps 10-5 BER @ -77 dBm, typical - 48Mbps 10-5 BER @ -72 dBm, typical - 54Mbps 10-5 BER @ -68 dBm, typical
Antenna	Dual antenna diversity system 2dB gain, with swivel neck
LED indicators	Ethernet Activity, RF Activity, Power
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.11a
Warranty	1 year
Temperature Range	0 ~ 55°C (Operating), -20~65°C (Storing)
Humidity	Max. 95% Non-condensing
Operating Range	Open Space : up to 350 m: Indoor: 30 ~100 The transmission speed varies in the surrounding environment.
Network Protocol	NetBEUI, TCP/IP, IPX
Management Utility	<ul style="list-style-type: none"> ● Web-based management, network connection and client access control ● Telnet via console port (DB-9)
EMC certification	FCC part 15 in US, RTTE in Europe, TELEC/JATE in Japan