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## WL-511 IEEE 802.11a PCMCIA General Specification Sheet

Rev. Beta 01

Product Name	54 Mbps Wireless LAN PC Card
Model Number	WL-511
Host Interface	PCMCIA PC Card Type II CardBus (32-bit)
Dimensions	110 x 54 x 7 mm
Weight	38 g
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
Operating Voltage	3.3V±5%
Radio Type	Orthogonal Frequency Division Multiplexing (OFDM)
Modulation	64QAM, 16 QAM, QPSK, BPSK
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
Antenna	Internal patch antenna supporting diversity
LED indicator	RF activity
Supplied Driver	Windows 98SE/ME/NT4.0/2000/XP
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.11a
Warranty	1 year
Temperature Range	0 ~ 70°C (Operating), -65~150°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.
Roaming	Seamless roaming among 802.11a compliant access points
Network Protocol	TCP/IP, IPX, NDIS4, and NDIS5
Management Utility	Configuration Utility for network join and diagnostics
EMC certification	FCC part 15 class in US, RTTE in Europe, and TELEC/JATE in Japan
System Requirements	<ul style="list-style-type: none"><li>● Laptop PC containing<ul style="list-style-type: none"><li>→ 32-bit CardBus slot (or Desktop PC with PC Card-PCI adapter)</li><li>→ 32MB memory or greater</li><li>→ 300MHz processor or greater</li></ul></li><li>● Microsoft Windows 98 Second Edition/Millennium Edition/2000/NT 4.0 with Service Pack 6</li></ul>