

DATA HUNTER

DH-PCM126 PCMCIA Card WLAN



PCMCIA Card with Dual MMCX Antenna RF Connectors 802.11b Wireless LAN +15 dBm Transmit Output 2.4 GHz 11 Mbps

- Secure 128-bit WEP encryption
- Interoperable with IEEE 802.11b compliant equipment.
- Supports full mobility and seamless roaming from cell to cell.
- Range up to 1000 feet (300m) in open environment.
- Range up to 330 feet (100m) range in office environment.
- Dual MMCX RF connectors for external Dual-Diversity Antennas.
- External Antenna(s) and RG178 Cable can be ordered as an option.
- Advanced power management for power savings.
- Easy client management with utility software.
- Transmit Power: +15 dBm
- Automatic data rate fallback from 11 Mbps in noisy or difficult reception environment.
- Easy Installation - All Data Hunter devices are designed for easy self-installation. The WLAN I.P. addresses, security code settings and all other settings are configurable from the PC and Laptop on-screen Set-Up Utility.

Specifications

General

- Compliant with IEEE 802.11b Standard
- Security: WEP 64-bit, 128-bit, encryption MD5

Hardware

- RF Range: 2.4 ~ 2.4835 GHz
- Data Rate: 11 / 5.5 / 2 / 1 Mbps
- Modulation: DBPSK for 1 Mbps
DQPSK for 2 Mbps, CCK for 5.5 / 11 Mbps
- Number of Channels: Europe - 13, US - 11,
France - 4, Japan - 14
- Transmit Power (Typ.): +15 dBm
- Receive Sensitivity (11Mbps, @BER 10E-5):
-81 dBm minimum
- Input Voltage: +3.3/+5 VDC
- Current Drain (Typ. @3.3V):
Typ.: 240 mA,
Max.: 300 mA

Software

- Driver Support:
Windows XP/ 98 / 98SE / Me / CE 3.0, Linux
- Utility: User setup & diagnostics tool

Mechanical

Host Interface: PCMCIA type II, 16-bit, 5V key
Antenna Connectors: Two MMCX connectors
LED Indicator: RF Activity and Power
Dimensions: 88.5 x 54.0 x 5.0 mm (3.5 x 2.1 x 0.2 inch)
Weight: 35 grams (1.2 oz.)

Environmental

Temperature:
0 ~ +55°C (+32 ~+130F) Operating
-20 ~ +65°C (-4 ~ +65F) Storage
Relative Humidity: 95% (non-condensing)

EMI Certifications

- U.S., Canada: FCC Part 15, sections 15.247, 15.205, 15.209; RSS-210
- Europe: ETS 300 328, ETS 300 826, CE Marked

Order Number: DH-PC126

Includes DH-PC126, Control Software and Setup Software, Diagnostic Utility, User Manual Files

Order Number: DH-PC126 +2Ant

In addition, includes 2 external Antennas with RG-178 cables and MMCX mating connectors

Note: This PCMCIA card is also available with built-in PCB Patch dual Diversity antennas (Model DH-PCM125) instead of connectors.

DATA HUNTER

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Specifications subject to change without notice. Document DS-DH-PCM126 030229