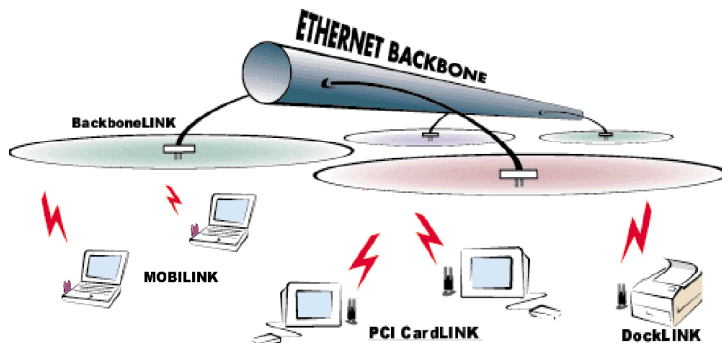


Wireless MobiLINK

Model RMG-140



RadioLAN Marketing Group's Wireless MobiLINK™ is the first LAN adapter that provides a 10 Mbps wireless LAN connection to your network. The MobiLINK is a one-piece PC card with a radio transceiver attached - providing flexible, reliable, mobile computing for laptop users. Access to a 10BaseT network is provided through RMG's wireless BackboneLINK™. Optional encryption upgrades are available for extra security concerns. The MobiLINK operates at full Ethernet speed - 10 Mbps - and is compliant with the IEEE 802.3 Ethernet standard.



The MobiLINK Model 140 includes a Type II PC card with a fixed 5.8GHz radio transceiver, a Plug & Play installation program and client management software. As with all RadioLAN Marketing Group products, the MobiLINK operates at 10 Mbps and performs just like 10BaseT - but without the wires. This is the only one-piece wireless PC card that offers you the reliability you expect from your LAN, while providing you with the mobility you need.

RMG's MobiLINK provides the mobility necessary for today's growing businesses. It can easily adapt to SOHO applications as well as heavily-trafficked Enterprise LANs. It provides seamless roaming capabilities between RMG's access points. Its lightweight, one-piece design allows for complete flexibility, with no extra cables to get in the way.

Features

- 10 Mbps wireless connectivity
- Compact, one-piece design
- Plug & Play installation
- Communicates up to 120' between computers in a typical office environment
- Compliant with VoIP and Video H.324 and H.325 multimedia specifications
- RadioNET™ Manager, 10BaseRadio™ network management
- 128 wireless per access point
- No FCC license required
- Access to 10BaseT networks with RadioLAN's wireless access points
- Seamless roaming between access points
- Low power, maximizes battery life
- Optional encryption



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RadioLAN Marketing Group's high-speed wireless LAN solutions let you spend more time concentrating on the task at hand rather than trying to find an available wire connection for your computers and other networked equipment. Schools, hospitals, large corporations and small businesses all benefit from the flexibility and reliability of RMG's 10 Mbps wireless network connectivity.

Independent testing organizations have measured RMG's wireless throughput at better than or equal to wired 10BaseT solutions. RMG's total cost per node is less than wire, making your capital investment stretch farther, while still providing you with the speed your network requires.

Network management and configuration is simple using RMG's RadioNET Manager, which allows you to view your entire wireless network at a glance, providing instant information on connectivity.



Specifications

RadioLAN/10™ System

Model Numbers

MobiLINK™ RMG-140
 PCI CardLINK™ RMG-150
 BackboneLINK™ RMG-208 (stand-alone access point)
 BackboneLINK-II™ RMG-218

Warranty

1 Year parts and labor (return to factory)

Frequency

5.8 GHz ISM band (unlicensed), U-NII band (unlicensed)

Technology

Narrow band microwave transmission

Throughput

10Mbps

Range

Up to 120' radius (35 meters) - indoor, 300' radius (90 meters) open environments; will cover approx. 10,000-12,000 square feet (950-1100 square meters)

Security

2-level network access control, optional RSA encryption

Topology

Peer-to-peer architecture

Min. computer requirements

486 or faster with 16MB RAM

MobiLINK Specifications

Part Number

RMG-140

Dimensions

2.5" (6.4 cm) width, 4" (10.2 cm) radio length,
 3.8" (9.7 cm) PC Card length

Weight

3.8 oz.

Network Interface Card

Bus Interface

16-bit Type II PC Card

Media Access Protocol

CSMA/CA for wireless domain

Operating Systems Supported

Plug & Play, Windows 95, 98, 2000, NT, and XP

System Power Consumption

Typically 10-15% of a portable battery

Radio Transceiver Unit

Transmission power

50mW peak power per station, 25mW average power per 100 milliseconds

Antenna

2 monopole antennas with diversity

LEDs

Transmit (amber); Receive (green)

Software

Wireless Operating System

10BaseRadio™

Management

RadioNET™ Manager

Environmental

Temperature

0° - 60° C

Relative humidity

20 - 80%



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