

RADIO LAN™ Fact Sheet

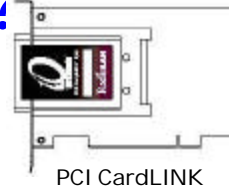
The Leader in Wireless Networking

What is RadioLAN?

RadioLAN is a family of Wireless LAN adapters that run at Ethernet speeds. RMG's RadioLAN products allow desktop and portable computers to communicate with each other, or to a wired LAN, offering users connectivity, portability and mobility.

What are three key features?

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| 1. Fast | RadioLAN products operate at 10Mbps, the speed of Ethernet. This is 45% faster than comparable Wireless LAN's. |
| 2. Inexpensive | RadioLAN products typically cost less than traditional solutions. The cost to deploy infrastructure is thereby greatly reduced. |
| 3. Secure | RadioLAN cards have a built-in security code that is user selectable with over 16 million choices. Encryption software is available. |



What are the Specs?

	MobiLINK	PCI CardLINK	BackboneLINK
Data Rate	10 Mbps		
Range	120' – 300' indoors		
Warranty	1 Year		
Compatibility	PCMCIA Type I or III equipped portable PCs	32-bit PCI-bus PCs	IEEE 802.3 Ethernet LANs - 10BaseT
Retail Price	\$299	\$329	\$999
RMG Part no.	140	150	208

What is Campus BridgeLINK?

Instead of leasing a T1 line from the phone company, or trenching to install a permanent cable between 2 locations, CampusBridgeLINK links two LANs wirelessly at 10Mbps. It can connect buildings up to one mile apart. It operates on radio frequency in the 5.775 GHz frequency range and requires a good line-of-sight. For more information, review the Campus BridgeLINK FAQ and Datasheets on the RMG Website.

Starter Kit	Description	Parts	Price
347	Campus BridgeLINK	Point to point bridge – ½ mile range – 10Mbps	\$2,999
357	Campus BridgeLINK	Point to point bridge – 1 mile range – 10Mbps	\$2,999
391	Tube Entry Kit	Wall Port for 347/357	\$299
392	Wall mount Arm	Wall Antenna Mount for 347/357	\$89

RADIOLAN™ Fact Sheet

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What is RadioLAN™?	RadioLAN is a family of high-speed wireless LAN adapters, manufactured by RMG, Inc. that allow desktop, portable and pen-based computers to communicate to a LAN without the need for wires.
Who needs a "wireless LAN"?	<p>There are three primary uses for Wireless LANs. The first is mobile users. Wireless LANs allow freedom of movement where users can "Roam" throughout a work environment without being tethered to the wall.</p> <p>The second is wire-replacement. Wireless LANs are always more convenient and often less expensive than the wired alternatives.</p> <p>The third use is Infrastructure Enhancement. Wireless LANs are ideal infrastructure additions to allow laptop users in corporate settings access to the same services that "wired" users have.</p> <p>RadioLAN solutions are ideal for Executives, QA or Inventory Managers, Auditors, Doctors, Nurses, Students, Attorneys, Salespeople, Architects, Educational Institutions and many others.</p>
How does it work?	RadioLAN uses specially modulated radio signals to communicate between PCs and servers. This approach offers high interference immunity, excellent range, maximum speed, and communicates through walls and other obstructions found in a typical office environment.
What about interference?	RadioLAN products operate in the 5 GHz band that is allocated for low-power use, and is not shared with other primary services. Furthermore, RadioLAN uses a pulse-position modulation technique and antenna diversity to minimize or eliminate the potential of interference. To date, RadioLAN has never experienced an interference problem in our installed base of users.
What's the product's range?	RadioLAN wireless LAN adapters have a normal indoor range of 120 feet (40 meters). The actual indoor range you will experience depends on the number of walls through which the signal passes and the thickness and composition of the walls. With a clear line-of-sight, RadioLAN can communicate up to 500 feet or more. Using RadioLAN's BackboneLINK access point, there is no limit on how far you can extend your LAN.
Will the signal pass through floors?	Rarely! Heavy steel or concrete reinforced floors will reduce the range. In most buildings the signal won't pass through the floor at all, so use a RadioLAN BackboneLINK to go between floors.
What is the speed?	RadioLAN products operate at a bandwidth of 10Mbps, the full speed of ubiquitous Ethernet.
Is a RadioLAN card safe to operate?	Absolutely. At 50mWatts of power, RadioLAN cards generate a substantially smaller field than even 600mWatt portable cellular phones, which transmit continually. RadioLAN products operate in the 5GHz spectrum, far from the 2.4 GHz frequency that boils water.
Is RadioLAN secure?	Yes! All RadioLAN cards use a selectable security code with over a million choices. Users may also choose to add our optional 40-bit Encryption package.
Can Wireless compatibility be added to a wired LAN?	YES! Simply add a BackboneLINK to the Ethernet backbone on your Client/Server LAN. Users on the wired and wireless LANs can share information seamlessly with each other.
When do I need to use the BackboneLINK?	The BackboneLINK is a MAC-layer bridge that provides protocol independent access for RadioLAN users into existing 802.3 LANs. The BackboneLINK forwards packets destined for outside the wireless segment onto the Ethernet LAN, supports SNMP agents, and allows users to "roam" from one BackboneLINK to another without losing their network connection. The BackboneLINK is an easy and ideal way to expand the coverage of your wireless infrastructure.
What Networks and OSs does RadioLAN support?	RadioLAN cards include drivers for ODI and NDIS based LANs such as Windows Networking, Novell, LANtastic, and others. The BackboneLINK allows you to access UNIX, OS/2, MacIntosh, and other systems by protocol independent bridging. DockLINK allows UNIX workstations, MacIntosh Computers and Ethernet enabled printers to join the wireless LAN.
What's included with RadioLAN?	Included with each RadioLAN card is the antenna module, software drivers and utilities, users manual, installation and site-survey utilities, and warranty card. You get everything you need to add a PC or portable computer to your wireless LAN.
What Support is offered?	RMG offers web-based technical support to resellers and users of RadioLAN products via a chat room. Second tier support is offered to Authorized RMG resellers.
What is the Warranty?	RadioLAN products are warranted for 1 year from the date of purchase.
How can I learn more?	Contact RMG, Inc. by phone at (408) 737-9278, or on the Web at http://www.radiolan.com