Safety First

Caution
Government regulatory agencies mandate that the antenna not be alterable. Therefore, the access point uses a custom antenna connector. Do not attempt to use a different antenna or you may damage the connector and the access point.

Conseil
Les agences responsables de la réglementation gouvernementale exigent que l'antenne ne soit pas modifiable. Par conséquent, le point d'accès est doté d'un connecteur d'antenne personnalisé. Ne pas essayer d'utiliser une antenne différente au risque d'endommanger le connecteur et le point d'accès.

Caution
You must use the appropriate Intermec power supply with this device or equipment damage may occur.

Conseil
Vour devez utiliser la source d'alimentation Intermec adéquate avec cet appareil sinon vous risquez d'endommager l'équipement.

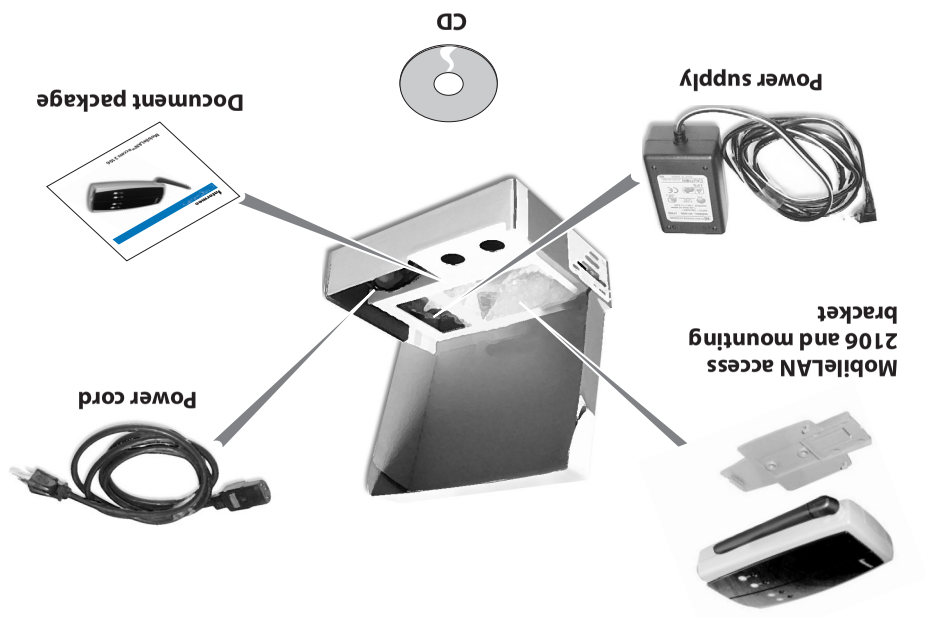
About the 2106

Intermec's MobileLAN™ access family access points delivers reliable and seamless wireless performance to almost any operational environment. The MobileLAN access 2106 is designed for standards-based connectivity and it has an IEEE 802.11a radio.

The 2106 is compatible with older Ethernet 10Base*T* infrastructure; however, your installed infrastructure base of cable and switching hardware may limit system data throughput. To achieve the best performance possible, your installation procedure should include a test to verify the Ethernet performance. All hubs and switches should be rated for dual speed performance at 10/100 Mbps. The connection cabling should meet Level II test standards described in TIA/EIA TSB #67. Servers and clients should be 850 MHz Pentium machines or better.

Use this quick start guide to help you understand the 2106 ports and LEDs. You can also use this quick start guide to learn how to install the mounting bracket, how to connect the 2106 to power and to your network, and how to use the MobileLAN access Utility to configure its IP address. Once you assign the 2106 an IP address, you can continue configuring it using a Web browser.

Out of the Box



Specifications

Physical dimensions	14.7 cm x 9.3 cm x 3.5 cm (5.8 in x 3.7 in x 1.4 in)
Weight	232 g (0.5 lb)
Electrical rating	~100 to 240V 1.0A 50 to 60 Hz
Operating temperature	0°C to 45°C (32°F to 113°F)
Storage temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	10 to 90%, non-condensing
Frequency band	5.15 to 5.35 GHz
Power output	40 mW
Data rate	802.11 compliant mode: 54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 12 Mbps, 6 Mbps with automatic fallback for increased range Turbo mode: 72 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 12 Mbps with automatic fallback for increased range
Channels	802.11 compliant mode: 8 (North America) Turbo mode: 3 (North America)
Receiver sensitivity	54 Mbps: -69 dBm

More Information

For more information on using the 2106, please see:

- *MobileLAN access System Manual* (Part No. 067150)
- Intermec Web site at www.intermec.com

To order access point accessories and antennas, contact your local Intermec representative.

MobileLAN access 2106 Quick Start Guide
072215-004

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Technologies Corporation
6001 36th Avenue West
Everett, WA 98203
U.S.A.
www.intermec.com

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This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org).
This product includes cryptographic software written by Eric Young (eay@cryptsoft.com).

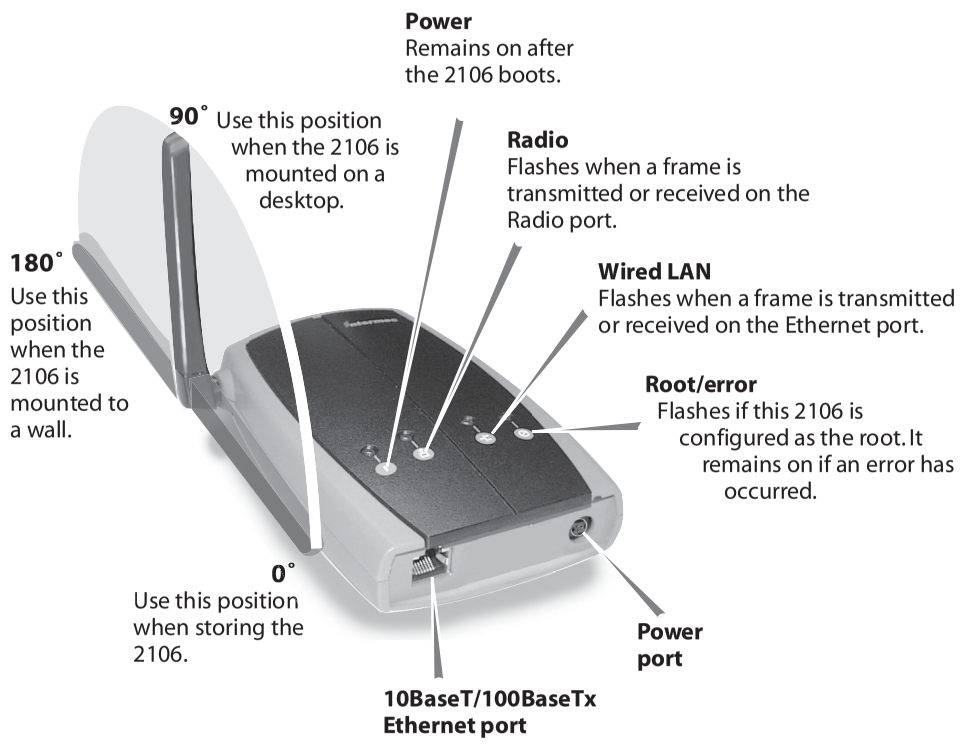
Intermec

Quick Start Guide

MobileLAN™ access 2106

MobileLAN™ access 2106 Quick Start Guide

1 Defining the LEDs, Ports, and Antenna Positions



2 Mounting the 2106

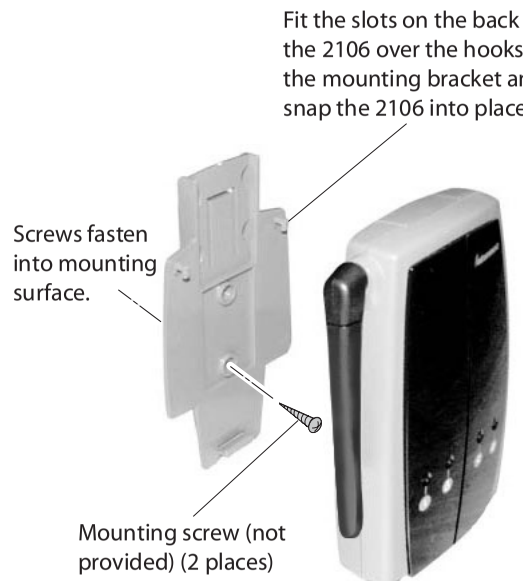
You can install the 2106 horizontally on a desk or counter, or you can install it vertically to a wall using the wall bracket that ships with it.

To mount the 2106 using the wall bracket, you need two #5 or M3 screws (appropriate for the surface on which you are mounting the bracket), a drill and drill bit appropriate for the mounting screws, and a screwdriver.

To mount the 2106 vertically

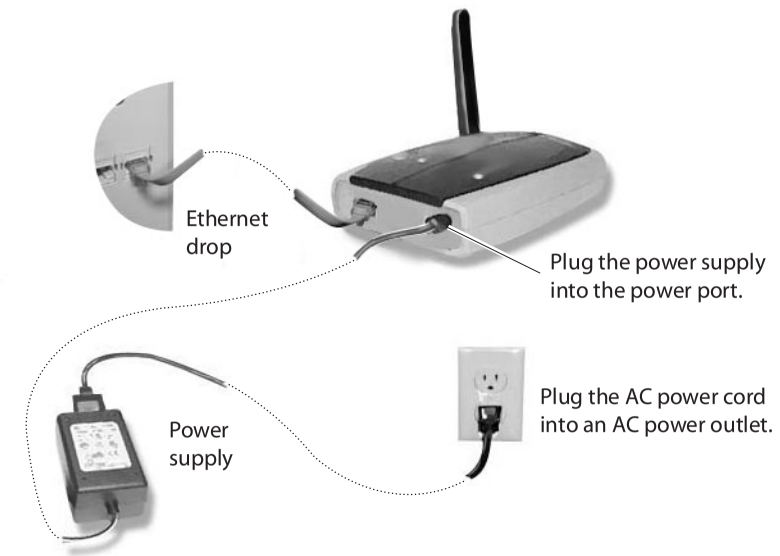
1. Use the mounting bracket as a template to mark the location of the mounting holes on the mounting surface.
2. Drill the mounting holes.
3. Follow the instructions in the illustration to the right.

Note: Intermec offers a variety of mounting bracket kits and accessories. For a complete list, see the *MobileLAN access System Manual* (Part No. 067150).



3 Connecting the 2106

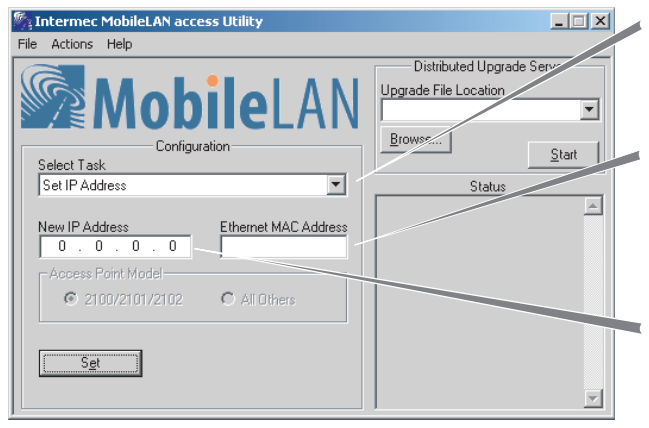
1. Connect the 2106 to your network by using an Ethernet cable to connect the Ethernet port to an Ethernet drop.
2. Connect the 2106 to power. You can either use an AC power supply with the appropriate power cord or power over Ethernet. To use power over Ethernet, you use an Ethernet cable to connect the Ethernet port to a MobileLAN splitter, which is connected to a MobileLAN power bridge. For help, see the documentation that shipped with your power bridge.



4 Setting an Initial IP Address

1. Install the MobileLAN access Utility on your PC by inserting the enclosed CD, clicking Install Software, and following the instructions that appear on your screen. You can also download the software from http://mobilelan.intermec.com.

   Note: Your PC must be on the same Ethernet segment as the access point. Or, if your PC is communicating wirelessly with the access point, you must have an active radio connection.
2. Start the utility.
3. Configure parameters A through C. See the screen to the right.
4. Click Set.
5. Reboot the access point by disconnecting it from and reconnecting it to a power source. The Status box lets you know when the IP address is successfully set.



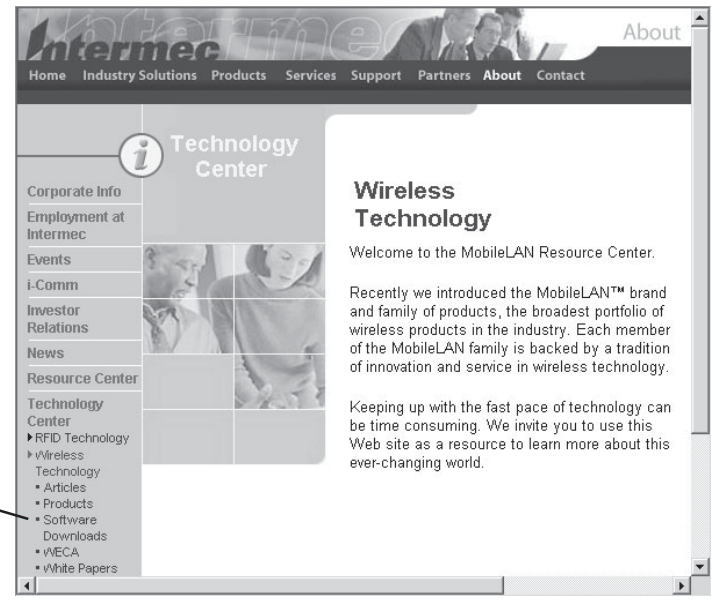
A
Click the down arrow and choose Set IP Address.

B
Enter the Ethernet MAC address of the access point (printed on a label on the access point).

C
Enter the new IP address of the access point.

Congratulations!
Your wireless end devices can now begin transmitting data packets through the 2106 to your wired network. To continue configuring the access point, from the Actions menu choose Configure Access Point. Your Web browser application (for example, Internet Explorer) starts and the Access Point Login screen appears.

5 Check for Software Upgrades

You should check the Intermec MobileLAN Web site at http://mobilelan.intermec.com for free software downloads and the latest documentation. To upgrade your access point software, follow the instructions in the *MobileLAN access System Manual*.

Click Software Downloads.