

# MobileLAN™ access 2100



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MobileLAN access 2100 Quick Start Guide



\*067151-006\*

## Quick Start Guide



## Safety First



### CAUTION

**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'endommager le connecteur et le point d'accès.

## More Information

For more information on using the MobileLAN access 2100, please see the

- *MobileLAN access System Manual* (Part No. 067150).
- Intermec Web site at [www.intermec.com](http://www.intermec.com).

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

## About the 2100

Intermec's MobileLAN™ access family of access points delivers reliable and seamless wireless performance to almost any operational environment. The MobileLAN access 2100 is designed for standards-based connectivity and it may have up to two of the following radios installed:

- IEEE 802.11b
- WiL Forum OpenAir
- 902 MHz
- S-UHF



The 2100 with an IEEE 802.11b radio installed is Wi-Fi certified for interoperability with other 802.11b wireless LAN devices.

This quick start guide helps you to understand the 2100 ports and LEDs. You can also use this quick start guide to learn how to install the 2100, how to connect the 2100 to power and to your network, and how to use the MobileLAN access Utility to configure its IP address. Once you assign the 2100 an IP address, you can continue configuring it using a Web browser interface or a Telnet session.

## Specifications

**Physical dimensions** 9.5 cm x 23.6 cm x 35.5 cm  
(3.75 in x 9.3 in x 14.0 in)

**Weight** 2.63 kg (5.8 lb)

**Electrical rating** ~100 to 240 V  
1.0 to 0.5A  
50 to 60 Hz

**Power over Ethernet (optional) electrical rating** ~48V  
315 mA

**Environmental rating** IP 54

**Operating temperature Standard** -25°C to 70°C (-13°F to 158°F)  
**Heater (optional)** -30°C to 70°C (-22°F to 158°F)  
**Heater and insulated bag (optional)** -30°C to 0°C (-13°F to 32°F)

**Storage temperature** -40°C to 70°C (-40°F to 158°F)

**Humidity** 10 to 90%, non-condensing

### Patent information

Product is covered by one or more of the following patents: 4,910,794; 5,070,536; 5,295,154; 5,349,678; 5,394,436; 5,425,051; 5,428,636; 5,483,676; 5,504,746; 5,546,397; 5,574,979; 5,592,512; 5,680,633; 5,682,299; 5,696,903; 5,740,366; 5,790,536; 5,844,893; 5,862,171; 5,940,771; 5,960,344. There may be other U.S. and foreign patents pending.

## Out of the Box



MobileLAN access  
2100



CD



AC power  
cord



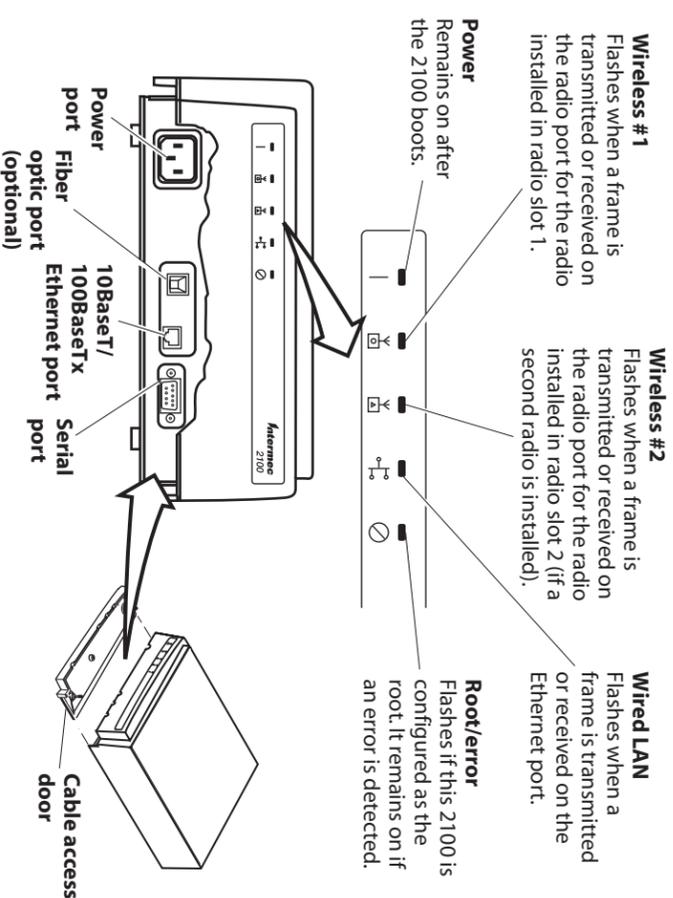
Document  
package



**Note:** The 2100 does not ship with an antenna. For a list of antennas and antenna accessories, see the *MobileLAN access System Manual* (Part No. 067150) or contact your local Intermec representative.

## 1 Defining the LEDs and Ports

To access the 2100 ports, unscrew the two thumbscrews that are on the front of the cable access door and then remove the door.

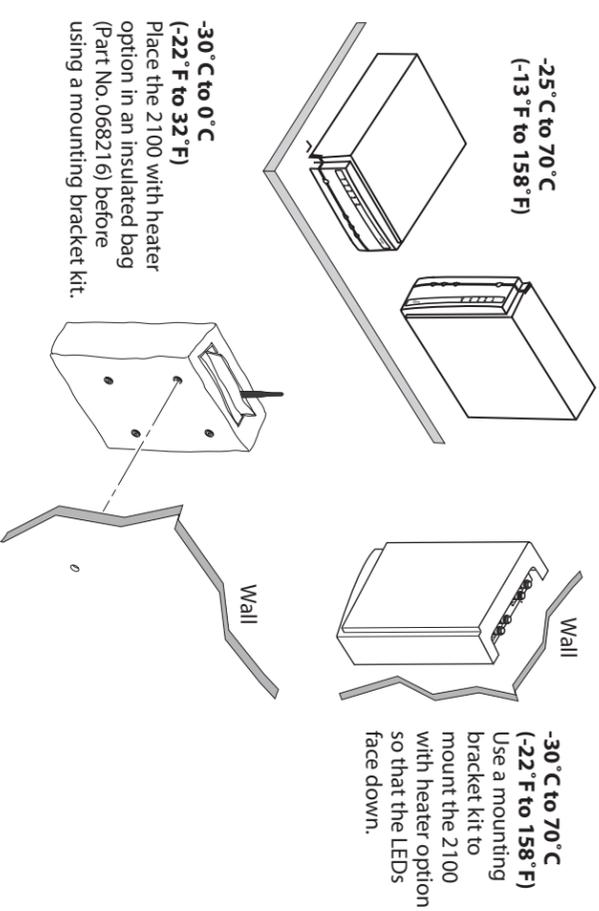


## 2 Mounting the 2100

You can place the 2100 either horizontally or vertically on a stable surface. You can also mount the 2100 to a wall or a beam using one of these mounting bracket kits:

- Mounting bracket kit (Part No. 068918)
- Rotating mounting bracket kit (Part No. 068751)

Depending on your operating temperature, you can use these mounting options:



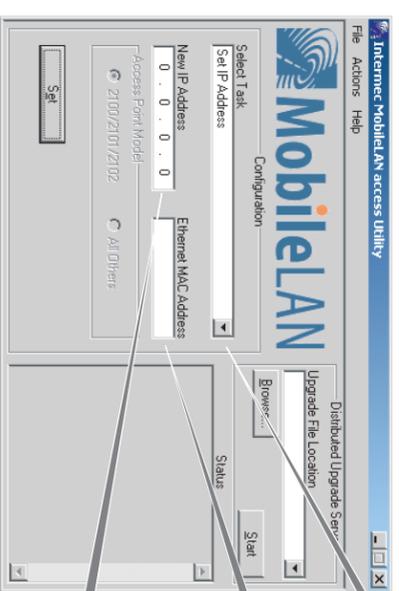
## 4 Setting an Initial IP Address

- 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 new IP address is successfully set.



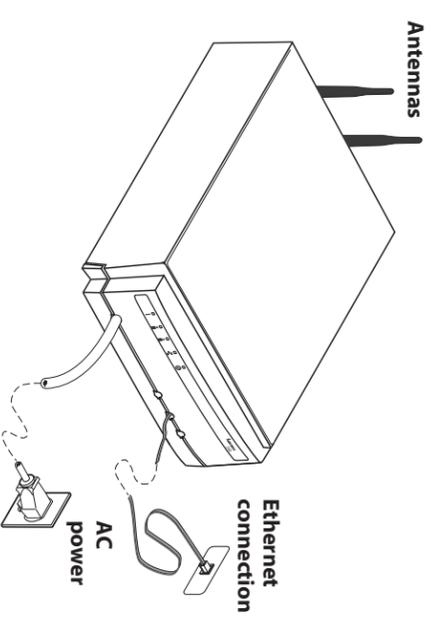
- A Click the down arrow and choose Set IP Address.
- B Enter the Ethernet MAC address of the access point (printed on a label on the access point).
- C Enter the new IP address of the access point.

### **Congratulations!**

Your wireless end devices can now begin transmitting data packets through the 2100 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.

## 3 Connecting the 2100

- 1 Attach antennas or antenna cables to the antenna connectors on the 2100. A variety of external antenna options are available.
- 2 Connect the 2100 to your network. You can either use an Ethernet cable to connect the Ethernet port to an Ethernet drop or you can use the fiber optic port option. For help connecting the 2100 to your fiber optic network, see "Connecting to Your Fiber Optic Network" in the *MobileLAN access System Manual*.
- 3 Connect the 2100 to power. You can either use an AC power cord or the power over Ethernet option. To use the power over Ethernet option, you need to use an Ethernet cable to connect the Ethernet port to a MobileLAN power bridge. For help, see the documentation that shipped with your power bridge.



## 5 Check for Software Upgrades

You should check the Internetec 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*.

