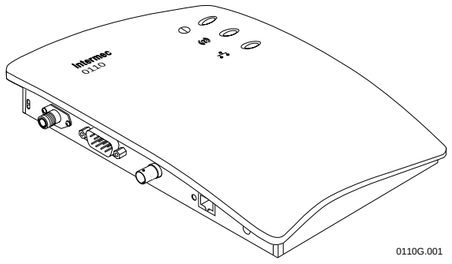
Congratulations on Selecting Intermec

to help meet your data collection needs. You have chosen the world leader in the data collection industry.

The 0110/0111 Access Point is a long range, high performance local area network product that bridges Intermec's 2.4 GHz radio frequency network and your Ethernet network.

The 0115 Access Point is a long range, high performance local area network product that bridges Intermec's 2.4 GHz radio frequency network and your token ring network.

The access point is designed to be a "plug-and-play" product. In many cases, you will not need to run any software to configure it. If you need to configure your access point, you will find the software easy to use.



0110G.001

Before you can install and configure your access point, you need these minimum system requirements:

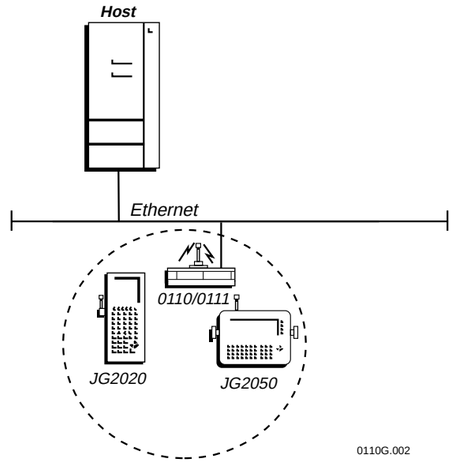
- (0110/0111) An Ethernet cable drop and cable (0115) A token ring cable drop and cable
- A terminal or PC that is running a terminal emulation program and an empty serial port

  or, a PC that is running a Telnet client on the wired network

  or, a PC connected to a modem and a separate modem to connect to the access point
- (Optional) At least one other Intermec data collection device with an OpenAir™ radio

Using the Access Point in Simple Networks

In wireless networks, access points and data collection devices can easily communicate with each other using TCP/IP when they are in range of each other. Intermec ships TRAKKER® Antares™ TCP/IP terminals with the TCP/IP stack and application preloaded. For JANUS™ TCP/IP devices, you need to use the JANUS 2.4 GHz Install Utility to configure them to communicate with a host using Intermec TNVT, ANSI, TN3270, or TN5250 terminal emulation or Novell TNVT or ANSI terminal emulation.



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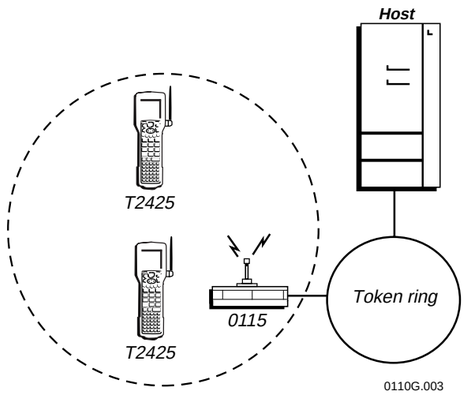

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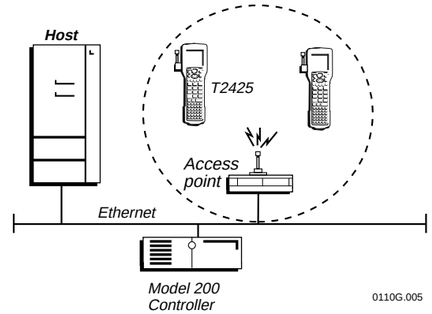
When data collection devices are communicating using UDP Plus, the access point routes packets from the devices to the Model 200 Controller in your network if you are running screen mapping.



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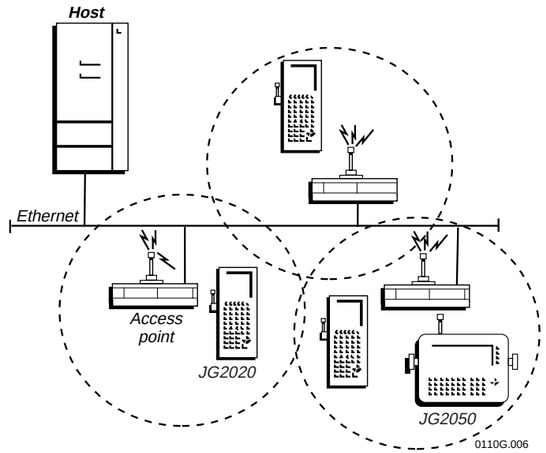
Using Access Points in a Roaming Network

You can install several access points to allow data collection devices to roam while maintaining the same network connection. Devices can connect with any access point that is within range.



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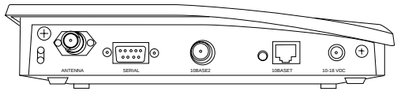
Performing a Quick Installation

You may follow the quick installation procedure if all of these conditions are true:

- There will be only one access point on this network.
- You will use all of the default values.
- You will not be managing the access point remotely through a Telnet session and therefore do not need to set an IP address.
- You will not be setting a security ID on your network.

If any of the above conditions is not true, see "Performing a Standard Installation" in the *0110/0111/0115 Access Point User's Manual.*



0110G.008

To perform a quick installation

1. Attach the antenna.
2. Mount the access point.
3. Connect the access point to the wired network.
4. Plug in the power supply.

You are ready to begin using your access point to send packets.

Physical Specifications

Dimensions	1.66 in x 6.54 in x 8.54 in (42 mm x 166 mm x 217 mm)
Weight	1.5 lbs (0.71 kg)

Basic Electrical and Environmental Specifications

Electrical rating	⎓10 to 18 V (input voltage), 750mA
Temperature range	-4°F to 140°F (-20°C to 60°C)
Temperature range (in an environmental box)	-4°F to 122°F (-20°C to 50°C)
Relative humidity	10% to 90% (non-condensing)

Other Specifications

Data rate	1.6 Mbps (wireless) 10 Mbps (Ethernet) 4 Mbps or 16 Mbps (token ring)
Domains	16
Channels	15
Range (standard antenna)	Up to 500 ft (150 m) indoors Up to 1000 ft (300 m) outdoors Unlimited, with roaming
Frequency band	2.4 to 2.5 GHz world-wide (varies by country)
Radio type	OpenAir, frequency hopping, spread spectrum (FHSS)
Radio power output	100 mW (0110 / 0115) 500 mW (0111 / 0115)
Ethernet interfaces	10Base2 (thin coaxial BNC) 10BaseT (twisted-pair)
Token ring interfaces	STP / DBP plug UTP / RJ45 plug
Architecture	Transparent bridge
Media Access protocol	CSMA / CA
Ethernet compatibility	Ethernet packet types and Ethernet addressing

Features

- Small, lightweight, mountable
- Locally and remotely configurable
- SNMP manageable
- Web browser manageable
- A site survey tool
- Capable of locating other access points
- Capable of downloading new firmware (images) to other access points

Accessories

- Mounting options

  Environmental box / external antenna (P / N 065089)
  Environmental box / standard antenna (P / N 065096)
  Cubical-mount bracket (P / N 065235)
  Wall-mount bracket (P / N 065236)

- Special power cords
- Special antennas

Intermec sells many other accessories, such as lightning arresters and amplifiers. If you would like information on any of these accessories, contact your local Intermec representative.

Where to Find More Information

The *0110/0111/0115 Access Point User's Manual* (P / N 065053) contains all of the information necessary to install, configure, operate, and troubleshoot the access point.

For information on ordering a manual, contact your local Intermec sales representative.

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Intermec

Getting Started Guide

0110/0111/0115 Access Point

P/N 066049-002