

Wireless, Integrated Expansion Pods Add Capability and Versatility to the Allegro Field PC®

GO WIRELESS
—with the Allegro Field PC.

Juniper Systems offers wireless solutions for a variety of applications with the Bar Code Scanner, Wireless LAN and GPS Expansion Pods.

The newly released bar code and 802.11b expansion pods, and the established GPS pod, provide the benefits of accurate bar code scanning, wireless LAN and GPS without the hassle of cables that may impede your work in the field. The fully-sealed, waterproof pod enclosure integrated with the Allegro Field PC is a patented design, complementing the ruggedness and reliability of the field computer.

The Allegro Field PC with an expansion pod option is used in applications such as forest inventory, agriculture research, fisheries, facilities and asset management, wood products, land surveying, distribution and many others.

Expansion pod options provide these capabilities:

1. Automatically logging the identification of an inventoried asset using the integrated bar code scanner in extremely harsh environments.
2. Wirelessly sending or receiving information from the access point to your local area network via the Allegro with the Wi-Fi 802.11b receiver.
3. Accurately mapping your position or navigating to a known location using the integrated GPS receiver.



Using the Allegro CE with the bar code/802.11b expansion pod in this nursery makes stock inventory fast and accurate. Inventory is immediately updated on the office computer. >

Bar Code Scanning

Bar code scanning is available with two expansion pods: the bar code scanner and the combination bar code scanner/802.11b receiver. In these expansion pods, the high-performance bar code scanner is incorporated in the integral design of the rugged field computer. This integrated design eliminates cables or extraneous battery packs inherent when using an

external bar code scanner with a handheld computer.

Win CE Software Enables Immediate Bar Code Data Entry in Your Applications

An easy-to-use Windows CE bar code setup program is included at no extra charge. This software package allows you to customize the scanner setup for your data collection needs. After setup, begin bar code data entry immediately within your application program.

Bar Code Scanning Features:

- ▼ High performance bar code scanning in outdoor, bright light
- ▼ Outstanding performance in wide temperature ranges (-22 F to 130 F) and extreme conditions.
- ▼ Ability to scan bar codes 1 to 3 feet away
- ▼ Excellent ability to scan poorly printed or low contrast bar codes
- ▼ Low power consumption
- ▼ Compatible with nine different bar code symbologies
- ▼ Built-in bar code reading software to enable automatic bar code data entry into most application programs



Wireless Connectivity From the Field to Your Local Area Network

In today's world, you need access to a wide variety of information from centralized databases for on-site, mobile decision analysis. Wireless connection to a local area network is made possible with the 802.11 expansion pods on the Allegro. With 802.11b, you can wirelessly connect to your



Allegro with the 802.11b expansion pod

computer network while working in the field. Wireless connectivity is provided by two expansion pods: the 802.11b and the combination bar code/802.11b. The expansion pods feature a Cisco Aironet 350 PC Card as the IEEE 802.11b receiver. You receive full documentation and Win CE drivers to enable wireless transfer of data to your 802.11b compatible access point.

Wireless LAN via 802.11b Features:

- ▼ Superior range and throughput
 - Indoor:
 - 130 feet at 11 Mbps, 350 feet at 1 Mbps
 - Outdoor:
 - 800 feet at 11 Mbps, 2000 feet at 1 Mbps
- ▼ Secure network communications
- ▼ World mode for international roaming
- ▼ Full-featured utilities for each configuration
- ▼ Compliance with the IEEE 802.11b high-rate standard

Add Georeferenced Positions to your Collected Data

The GPS expansion pod integrates the Trimble Lassen LP GPS receiver with the Allegro. The expansion pod receives GPS positions that are used in conjunction with several GIS/GPS packages. Use the Allegro with GPS to map, navigate or log positions.

GPS Features:

- ▼ The Lassen LP module is a high-performance, low-power, micro GPS receiver
- ▼ Both TSIP or NMEA protocols can be used with the Lassen LP receiver
- ▼ Compatible with Trimble's TerraSync
- ▼ The compact 3.3 V active micropatch antenna is securely mounted to the top of the Allegro.



Using the Allegro with the GPS expansion pod to update a GIS

Expansion Pods available:

- ▼ **Bar Code Expansion Pod**
High performance bar code scanning in outdoor light
- ▼ **802.11b Expansion Pod**
Wireless Local Area Network (WLAN) capability
- ▼ **Bar Code Scanner with 802.11b**
High Performance Bar Code Scanner with WLAN capability
- ▼ **GPS Expansion Pod**
Map, navigate and log GPS positions

Please contact your sales representative or Juniper Systems directly for availability and pricing information for these new expansion pods.

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