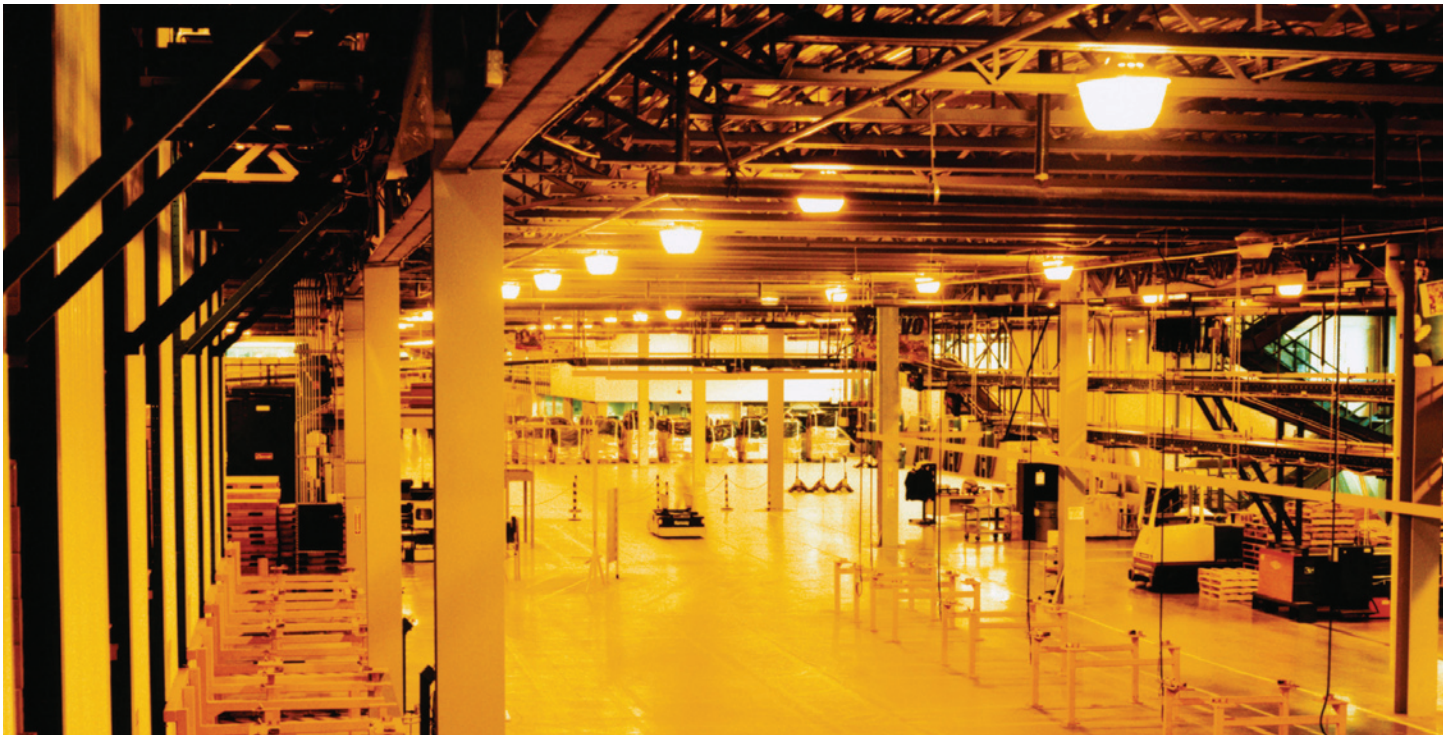
9160 G2

The Flexible Wireless Gateway for Mobile Productivity



The Flexible Wireless Gateway for Mobile Productivity

Your needs change as your business changes.
The wireless network that worked well before is now holding you back.
You need wireless technology that's as flexible as you are.
You need the 9160 G2 wireless gateway.

It moves vast information over huge areas. Instantly. And it gives you more connectivity options than you can shake an antenna at. Plus it's industrial casing means it's as tough as the most hostile working environment.

Features & Benefits

Suits You

The 9160 G2 wireless gateway gives you options. Mix and match RF technologies as your needs dictate. 802.11b/g for data collection apps. 802.11a for high bandwidth apps. And narrowband for larger areas that demand extensive coverage. So you can always choose the right radio backbone for your site and applications.

Tucks You In

The 9160's security options make you feel safe. They scale from basic WEP all the way up to WPA II (802.11i with AES). So your data is always safe.

Go Configure

The 9160 G2 banishes admin nightmares. Forever. Security, configuration profiles and software upgrades are all dealt with centrally and remotely. Which means you can make changes on multiple access points simultaneously. The 9160 G2 is a good example of how Psion can help you increase your return on investment.

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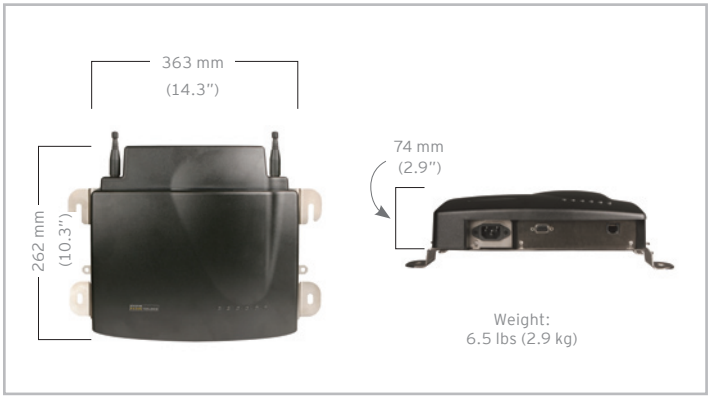
Specifications



Processor & Memory
- Microprocessor: Intel IXP420 processor at 266MHz
- Memory: 16MB Flash, 32MB SDRAM

Wireless Communications
- Standard Radio – 802.11 b/g or narrowband
- Optional Radio – 802.11 a/b/g

Antenna Options
- The 9160 G2 supports a wide variety of indoor and outdoor 2.4 and 5GHz omni-directional, directional and sector panel antennae as well as a variety of narrowband antennae for coverage applications
- Supports all standard narrowband antennae
- Supports antennae for bridging (WDS) applications
- Antennae diversity is supported for 802.11 radios

Security
- 802.1x authentication
- MAC filtering
- WPA 1 (TKIP encryption)
- WPA 2 (802.11i, AES encryption)
- Inhibit/Ignore SSID Broadcast
- User-based access control via embedded Radius authentication server (PEAP with 8 APIs or less)

Network Interface
- 10/100 Base-T with auto negotiation, half and full duplex
- 100Base-FX Fiber Optic Ethernet Port

Diagnostic / Configuration Terminal Interface
- RS232 port for debug and diagnostics supporting configuration and firmware update
- SNMP support (compatible with MapRF)
- Telnet to Console
- HTTP Web Browser Management Interface

Advanced Features
- Wireless Distribution System (WDS)
- Load balancing
- Multiple SSIDs/BSSIDs,Virtual Wireless Networks (VWNs)
- Support of 802.IQ protocol
- Mini-controller capabilities for thin client devices featuring ANSI, 5250 and 3274 emulations

Size & Weight
- Dimensions: 36.3cm/14.3" Wide x 26.2cm/10.3" High x 7.4cm/2.9" Deep
- Weight: 2.9kg/6.5 lbs

Environmental
- Storage Temperature: 0°C to +70°C (32°F to 158°F)
- Operating Temperature: 0°C to +55°C (32°F to 151°F)
- Operating Relative Humidity: 10% to 90%
- Dust and Moisture: IP42
- Vibration: EH0002 (shipping vibration only)
- Reliability: MTBF 25,000 Hours (MIL-HDBK-217F)

Visual Indicators
- LED 1 – on solid when Ethernet link present
- LED 2 – blinks for rx/tx Ethernet traffic
- LED 3 – blinks for rx/tx radio 1 traffic
- LED 4 – blinks for rx/tx radio 2 traffic
- LED 5 – always off (unused at this time)
- LED 6 – on solid when power present

Power
- Input voltage: 100 - 240VAC, 50/60Hz, 1A
- Power Over Ethernet (POE) - 802.3af compliant, 48VDC nominal

Approvals
- USA
  FCC part 15, subpart B, class B (unintentional radiated emission)
  UL601950, 2000 Bi-Nat (electrical safety)
  * Note: NRTL/C done by CSA covers UL 1950 bi-national standards
- Canada
  ICES-003 / CSA C108.8-M1983 (unintentional radiated emission)
  CSA 950 CSA-C22.2 No. 950-M98 (electrical safety)
  * Note: FCC part 15, subpart B covers ICES-003 / CSA C108.8-M1983
- European CE Mark
  73/23/EEC Low Voltage Directive
  TUV & CB EN 950:1992+A1+A2+A3+A4+A11 (electrical safety)
  89/336/EEC EMC Directive:
  EN 50081-2: 1998 Generic Emission Standard – Industrial Environment
  EN 55022 based on CISPR 22, class B (Information Technology Equipment)
  EN 50082-1: 1997 Generic Immunity Standard - Industrial Environment
  EN 61000-4-2 ESD
  EN 61000-4-3 Radiated RF Immunity
  EN 61000-4-4 Electrical Fast Transients
  EN 61000-4-5 Surge withstand

Industrial Applications
- Indoor – suitable for rugged warehouse and manufacturing applications with any type of coverage pattern.
- Refrigerated – dual radio operation and antenna splitting allows for coverage of isolated refrigerated sections from a single access point.
- Outdoor – a variety of high gain antenna and wired or wireless (WDS) backhaul options make the 9160 G2 a suitable choice for outdoor port and yard applications.
- Multiple SSIDs – divide the WLAN into virtual wireless LANs with VLAN support for different applications or user types.

More information is available at: www.psion.com

RoHS

Product is ROHS Compliant.

* Note this product will carry the CE Mark.
* Specifications are subject to change without notice.

For more information, please visit www.psion.com