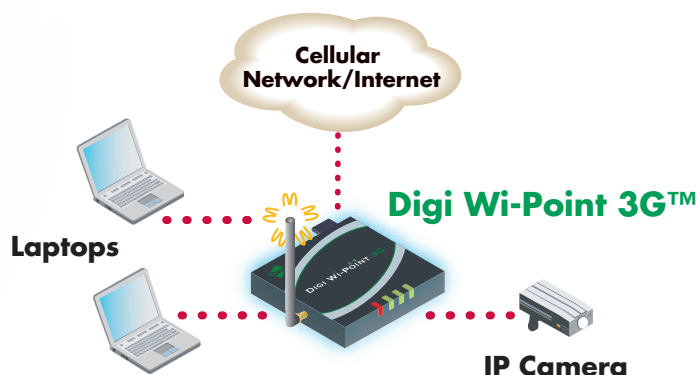# Digi Wi-Point 3G™

Secure, Cellular PC Card-Based Router with Wi-Fi Hotspot

Digi Wi-Point 3G acts as a cellular to Wi-Fi hotspot, offering secure, high speed Internet connections to remote workgroups and devices.

Cellular Network/Internet

Digi Wi-Point 3G™

Laptops

IP Camera

Features/Benefits

- **Easy to deploy for instant wireless connectivity**

- **Works with virtually any cellular PC data card around the world**

- **High end security including IPsec VPN, WPA2 and full featured firewall**

- **Features both 802.11b/g and Ethernet connectivity for LAN access**

- **Enterprise class routing capabilities**

- **Small form factor can be installed anywhere**

Overview

Digi Wi-Point 3G is a three-in-one router with integrated 802.11b/g Wi-Fi access point, 10/100 Ethernet, and global cellular network access via virtually any carrier supplied PC data card.

New 3G cellular networks provide high speed network communications approaching or even exceeding DSL speeds. Digi Wi-Point 3G allows remote sites and devices to easily connect to the Internet or securely integrate into a corporate network.

Digi Wi-Point 3G provides maximum flexibility via easy field upgrades, enabling you to keep up with ever-changing network upgrades.

Designed for commercial grade applications, Digi Wi-Point 3G provides industry leading reliability for applications such as temporary networks, remote Wi-Fi hotspots, mobile/transportation, disaster recovery, backup/failover, and security/video surveillance.

Digi Wi-Point 3G offers enterprise class router features including IPsec VPN, WPA2 encryption, and a full featured firewall. Other unique features include auto-detection of the cellular data card for seamless field upgradeability, GPS support (PC Card specific), and analog modem failover.

Configuration of Digi Wi-Point 3G is quick and easy using a Wi-Fi or Ethernet connection to your computer's web browser to access the simple Web UI and setup wizard. No PC software is required.

Features/Specifications

INTERFACES

- Ethernet: 10/100Base-T (LAN)
- Cellular: Cellular network PC Card slot
- Wi-Fi: 802.11b/g embedded
- Serial: DIN connector

FEATURES

Network
- DHCP server or static IP
- DNS relay
- Bridge between LAN and WLAN
- Auto-reconnect
- Dial on demand
- NAPT between LAN and WWAN
- IP port forwarding
- DMZ support
- PPPoE
- MAC access control
- SNMPv1, 2c
- NTP
- DDNS
- Multiple link integrity methods
- Auto-fail over to serial V.90 modem
- GPS (with qualified PC Cards)

Security
- Firewall
    - NAPT/Port forwarding, SPI, MAC filter, anti-attack, URL filter
- WPA/WPA2-PSK
- 64-bit WEP and 128-bit RC4 encryption

VPN
- VPN endpoint and pass-through
- IPsec compliant
- IPsec modes: ESP, AH
- 3DES, AES
- IPsec RFC 1829, 2104, 2401-2410
- Data integrity
    - HMAC-MD5, SHA-1
    - Authentication and key management

FEATURES (CONTINUED)

- IKE, manual keys
- IKE features
    - Perfect Forward Secrecy
    - Diffie-Hellman Group 2, 5
    - Quick/Main/Aggressive modes
    - Auth-Method PSK
    - Identify IP address
    - DPD for constant connection
    - Automatic NAT-T behind NAT
    - Initiator and responder
- Max. 8 tunnels

Management
- Firmware upgradeable via browser
- Traffic and event log
- User-friendly web GUI
- Setup wizard
- WWAN session and status monitoring

LEDs
- Power, Cellular, Wi-Fi, Ethernet

POWER REQUIREMENTS

- Power input: 5VDC
- DC power consumption
    - Idle: 5V/0.6A
    - Max: 5V/2A
- AC power consumption
    - 0.5W no load
- Surge protection (with included power supply)
    - +/- 1 kV burst (EFT) per EN61000-4-4
    - +/1 2 kV surge per EN61000-4-5 (non-condensing)

DIMENSIONS

- Length: 6.0 in (15.1 cm)
- Width: 5.7 in (14.4 cm)
- Depth: 1.8 in (3.3 cm)
- Weight: 0.99 lb (0.45 kg)

WIRELESS

Supported PC Cards
(See www.digi.com for current list)
- Sierra AirCard 555, 595, 580, 750, 850, 860, 875, 881, PC5220
- Novatel V740, S720, V620, S620, EC360, Merlin C386, C201, U730, U740, Merlin U530, Merlin U630
- UTStarcom PX-500, PC5740, PC5220
- Kyocera KPC650
- Option Globe Trotter GT Max "7.2 Ready", GT Max, GT Max HSUPA, HSDPA "7.2 Ready", HSDPA, FUSION + HSDPA, Express HSUPA, Express 7.2

Wi-Fi
- Transmit power:
    - 802.11b: 16 dbm
    - 802.11g: 14 dbm
- Receiver sensitivity:
    - 11 Mbps: -80 dbm
    - 54 Mbps: -66 dbm

ENVIRONMENTAL

- Operating temperature: 0° C to 55° C (32° F to 131° F)
- Storage temperature: -20° C to 70° C (-4° F to 158° F)
- Operating humidity: 10% to 85% (non-condensing)
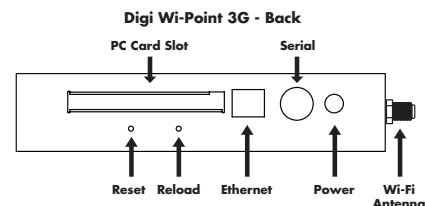- Storage humidity: 5% to 90% (non-condensing)

REGULATORY APPROVALS

- RoHS

Safety
- EN60950

Emissions/Immunity
- CE
- FCC Part 15, Class B
- EN 300/301

MODEL....................PART NUMBERS

Model	North America	International
Digi Wi-Point 3G	WS-WAN-300	WS-WAN-300-W*
Digi Wi-Point 3G DC Vehicle Power Adapter	WS-PS-DCVH	WS-PS-DCVH
Wall Mount Bracket	76000641	76000641
DIN Rail Bracket Kit	76000756	76000756

*Includes EU, UK and AUS power supply plugs

Digi Wi-Point 3G - Back

PC Card Slot   Serial

Reset   Reload   Ethernet   Power   Wi-Fi Antenna

WHEN RELIABILITY MATTERS™

Digi International, the leader in device networking for business, develops reliable products and technologies to connect and securely manage local or remote electronic devices over the network or via the web. With over 20 million ports shipped worldwide since 1985, Digi offers the highest levels of performance, flexibility and quality.

www.digi.com

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