



COMPACT 4G LTE
M2M ROUTER



DIGI TRANSPORT® WR11 FAMILY

Secure 3G/4G LTE cellular router for retail, kiosk and industrial control applications

The Digi TransPort WR11 and WR11 XT deliver a cost-optimized 4G LTE connection to mission critical M2M applications around the world. These cellular routers are ideal for connecting:

- Building and process automation controllers
- Smart grid assets (meters, switches, controllers)
- IP cameras and access controllers
- Remote data loggers, flow meters and sensing equipment
- Telco infrastructure controllers
- ATMs, kiosks and service terminals

The Digi TransPort WR11 XT provides a secure, reliable connection to industrial controllers, retail terminals and process automation equipment on third party sites or remote locations. This drop-in connectivity gives operators a way to reduce the cost of downtime and service calls and also increase revenue by bringing distributed sites online faster.

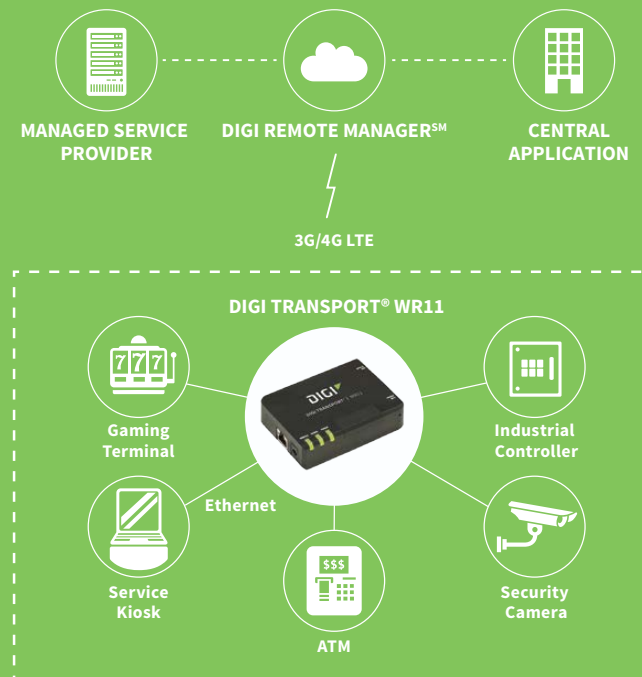
BENEFITS:

- Global HSPA+ and 4G LTE support and certification
- Extremely resilient cellular connection through patented Digi SureLink™, VRRP+ protocol and dual SIM slots
- Enterprise routing features for security, logging and redundancy (e.g., stateful firewall, VPN, SNMP); no annual enterprise software license required
- Digi Remote Manager provides mass configuration, device management and troubleshooting tools
- Rugged aluminum enclosure, flanges and optional DIN rail clip for flexible mounting
- 5-year warranty standard—no additional cost

RELATED PRODUCTS



APPLICATION EXAMPLE



SPECIFICATIONS

Digi TransPort® WR11

Digi TransPort® WR11 XT

3G/4G LTE SPECS

| | | |
|---------------------------------|---|----------------------|
| LTE – NORTH AMERICA (L6) | 700/850/1700 (AWS)/1900 MHz; 2G/3G fall back to 850/1900 MHz; Transfer rate (max): 50 Mbps Up, 100 Mbps Down | |
| LTE – VERIZON (L8) | 700/1700(AWS) MHz; No 2G/3G fall back; Transfer rate (max): 50 Mbps Up, 100 Mbps Down, Verizon Private Network, DMNR and PNTM Approved | |
| LTE – EMEA/APAC (L7) | 800/1800/2600 MHz; 3G fall back to 850/900/2100 MHz and 2G fall back to 850/900/1800/1900 MHz; Transfer rate (max): 50 Mbps Up, 100 Mbps Down | |
| HSPA+ - (U9) | 850/900/1700 (AWS)/1900/2100 MHz; Transfer rate (max): 5.76 Mbps Up, 21 Mbps Down | |
| EVDO (CX) | CDMA 1xRTT – 900/1800 MHz; EVDO-A/1xRTT; Transfer rate (max): 1.8 Mbps up, 3.1 Mbps Down | NA |
| CONNECTORS | 1 x 50 Ω SMA (Center pin: female); 2x connectors for LTE models | |
| SIM SLOTS | 2 | |
| SIM SECURITY | Snap fit SIM slot cover | Screw-down SIM cover |

SOFTWARE & MANAGEMENT

| | | |
|---|---|--|
| REMOTE MANAGEMENT | Digi Remote Manager; SNMP v1/v2c/v3 | |
| LOCAL MANAGEMENT | WebUI (HTTP/HTTPS); CLI (Telnet, SSH, SMS) | |
| MANAGEMENT/TROUBLESHOOTING TOOLS | FTP, SFTP, SCP; Protocol analyzer with PCAP for Wireshark; Event logging with Syslog and SMTP; NTP/SNTP | |
| MEMORY | 20 MB RAM, 10 MB file space | |

ETHERNET

| | | |
|-----------------------|------------------------------------|--|
| PORTS | 1 RJ-45 port | |
| PHYSICAL LAYER | 10/100Base-T | |
| DATA RATE | 10/100 Mbps (auto-sensing) | |
| MODE | Full or half duplex (auto-sensing) | |
| INTERFACE | Auto MDI/MDIX | |

PHYSICAL

| | | |
|-------------------------------|---|---------------------------|
| DIMENSIONS (L X W X H) | 3 in x 4 in x 1 in (7.62 cm x 10.16 cm x 2.54 cm) | |
| WEIGHT | 0.25 lb (0.11 kg) | 0.5 lb (.22 kg) |
| STATUS LEDS | Power on, WWAN signal strength, WWAN service | |
| ENCLOSURE | Polycarbonate / IP30 | Industrial (Metal) / IP30 |

POWER REQUIREMENTS

| | | |
|--------------------------|--|--|
| POWER INPUT | 5VDC | |
| POWER SUPPLY | 5VDC power supply with locking barrel connector included; International plug kit includes UK, EU and Australia plug styles | |
| POWER CONSUMPTION | Typical 3.5 W; Max 15 W | |

ENVIRONMENTAL

| | | |
|------------------------------|-----------------------------------|--|
| OPERATING TEMPERATURE | 0° C to +40° C (32° F to +104° F) | -30° C to +70° C (-22° F to +158° F) Reduced cellular performance above 60° C |
| RELATIVE HUMIDITY | 5% to 95% (non-condensing) | |

APPROVALS

| | | |
|---------------------------|---|--|
| GSM/UMTS | PTCRB | |
| CELLULAR CARRIERS | Certified by most major carriers. See www.digi.com for a full list. | |
| SAFETY | UL 60950, CSA 22.2 No. 60950, EN60950 | |
| EMISSIONS/IMMUNITY | CE, FCC Part 15 Class B, AS/NZS CISPR 22, EN55024, EN55022 Class B | |

WARRANTY

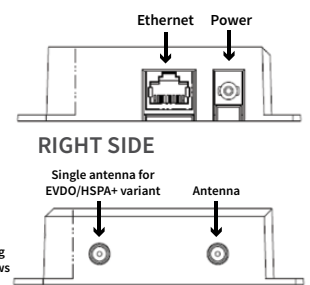
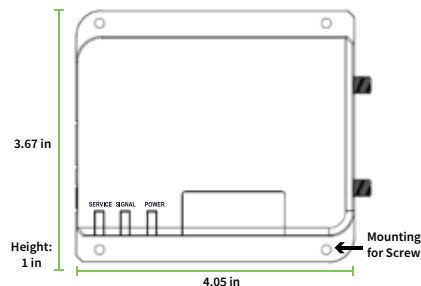
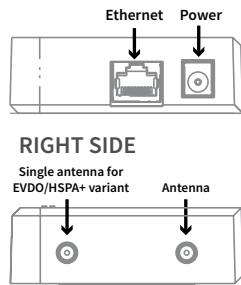
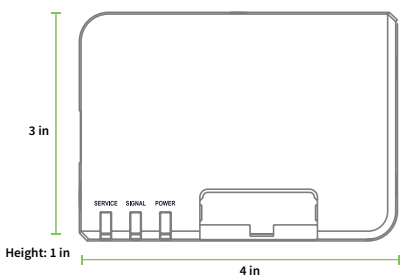
| | | |
|-------------------------|---------|--|
| PRODUCT WARRANTY | 5 years | |
|-------------------------|---------|--|

DIGI TRANSPORT® WR11 - TOP

LEFT SIDE

DIGI TRANSPORT® WR11 XT - TOP

LEFT SIDE



| ENTERPRISE SOFTWARE | DESCRIPTION |
|-------------------------|---|
| PROTOCOL SUPPORT | HTTP, HTTPS, FTP, SFTP, SSL, SMTP, Device Cloud SNMP, SNMP (v1/v2c/v3), SSH, Telnet and CLI for web management; remote management via Digi Remote Manager; SMS management, protocol analyzer, ability to capture PCAP for use with Wireshark; DynDNS, Dynamic DNS client compatible with BIND9/No-IP/DynDNS |
| SECURITY/VPN | IP filtering, Stateful inspection firewall with scripting, address and port translation; VPN: IPSec with IKEv1, IKEv2, NAT Traversal; SSL, SSLv2, SSLv3, FIPS 197, Open VPN client and server; PPTP, L2TP; VPN Tunnels: 5. Cryptology: SHA-1, MD5, RSA; Encryption: DES, 3DES and AES up to 256-bit (CBC mode for IPsec); Authentication: RADIUS, TACACS+, SCEP for X.509; certificates; Content Filtering (via 3rd party); MAC Address Filtering; VLAN support |
| ROUTING/FAILOVER | IP pass-through; NAT, NAPT with IP Port Forwarding; Ethernet Bridging; GRE; Multicast Routing; Routing Protocols: PPP, PPPoE, RIP (v1, v2) OSPF, SRI, BGP, iGMP routing (multicast); RSTP (Rapid Spanning Tree Protocol); IP Failover: VRRP, VRRP+TM; Automatic failover/failback to second GSM network/Standby APN |
| OTHER PROTOCOLS | DHCP; Dynamic DNS client compatible with BIND9/No-IP/DynDNS; QoS via TOS/DSCP/WRED |

DIGI REMOTE MANAGER®



CAPABILITIES

- Centralized management of remote devices over 3G/4G LTE
- Define standard configurations and automatically monitor individual devices for PCI security compliance
- Report and alert on performance statistics, including connection history, signal quality, latency, data usage and packet loss
- No servers or applications to operate and maintain
- Complete tasks for your entire device network in minutes
- Edit configurations and update firmware for your individual devices or groups
- Monitor the status and location of your remote device via a web browser
- Active or deactivate cellular lines and monitor data to ensure you never incur overage charges

INFRASTRUCTURE

- Hosted in multiple commercial-grade SAS 70 certified facilities in North America and Europe
- Superior availability, operating to 99.9% or greater
- Open APIs available to support application development

SECURITY

- Certified SSAE-16 and ISO27001 facilities
- Member of the Cloud Security Alliance
- Over 175 Security Controls in place to protect your data
- Enables compliance with security frameworks like PCI, HIPAA, NIST and more
- Earned SkyHigh's Cloud Trust Program highest ranking of Enterprise-Ready

| PART NUMBERS | DESCRIPTION |
|------------------|--|
| WR11-U900-DE1-SW | Digi TransPort WR11, International , HSPA+ |
| WR11-L600-DE1-SU | Digi TransPort WR11, North America LTE, HSPA+ |
| WR11-L700-DE1-SW | Digi TransPort WR11, EMEA/APAC LTE, HSPA+ |
| WR11-L800-DE1-SU | Digi TransPort WR11, Verizon LTE Single Mode |
| WR11-U900-DE1-XW | Digi TransPort WR11 XT, International, HSPA+ |
| WR11-L600-DE1-XU | Digi TransPort WR11 XT, North America LTE, HSPA+ |
| WR11-L700-DE1-XW | Digi TransPort WR11 XT, EMEA/APAC LTE, HSPA+ |
| WR11-L800-DE1-XU | Digi TransPort WR11 XT, Verizon LTE Single Mode |

DIGI SERVICE AND SUPPORT / You can purchase with confidence knowing that Digi is always available to serve you with expert technical support and our industry leading warranty. For detailed information visit www.digi.com/support.

© 1996-2017 Digi International Inc. All rights reserved.
All trademarks are the property of their respective owners.

DIGI INTERNATIONAL WORLDWIDE HQ
877-912-3444 / 952-912-3444 / www.digi.com

DIGI INTERNATIONAL FRANCE
+33-1-55-61-98-98 / www.digi.fr

DIGI INTERNATIONAL JAPAN
+81-3-5428-0261 / www.digi-intl.co.jp

DIGI INTERNATIONAL SINGAPORE
+65-6213-5380

DIGI INTERNATIONAL CHINA
+86-21-50492199 / www.digi.com.cn

91002585
B8/317

