



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



Digi
TransPort®
WR21



Digi
TransPort®
WR44



Utility
Communication
Hub



Accessories



Digi Remote
Manager™

APPLICATION EXAMPLE

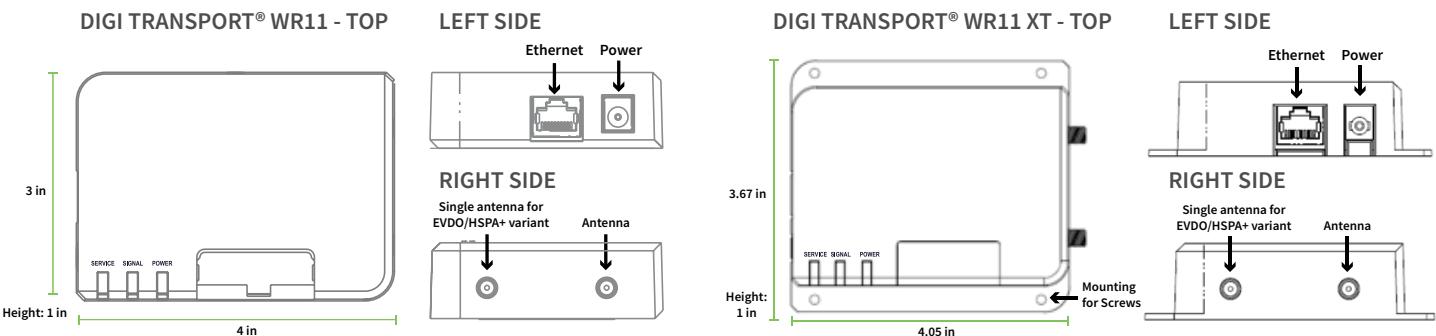


SPECIFICATIONS

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
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
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
	Aluminum
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



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); IPv6 (firmware upgradable); RSTP (Rapid Spanning Tree Protocol); IP Failover: VRRP, VRRP+TM; Automatic failover/ fallback 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 MANAGERSM



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

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, GSM, with International
WR11-L600-DE1-SU	Digi TransPort WR11, North America LTE, HSPA+
WR11-L700-DE1-SW	Digi TransPort WR11, EMEA/APAC LTE, HSPA+
WR11-L700-DE1-SW	Digi TransPort WR11, Verizon LTE Single Mode
WR11-U900-DE1-XW	Digi TransPort WR11 XT, GSM, with International
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-L700-DE1-XW	Digi TransPort WR11 XT, Verizon LTE Single Mode

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