



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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:

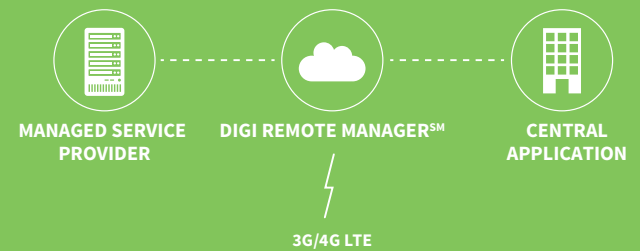
- Building and process automation controllers
- Smart grid assets (meters, switches, controllers)
- IP cameras and access controllers
- Remote data loggers, flow meters and sensing equipment
- Telco infrastructure controllers
- ATMs, kiosks and service terminals

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

APPLICATION EXAMPLE



RELATED PRODUCTS



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

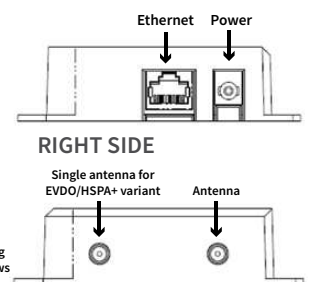
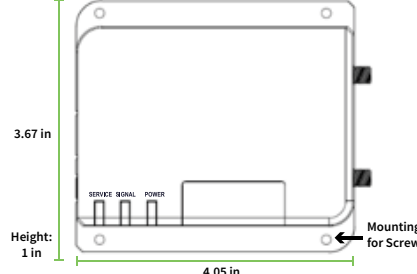
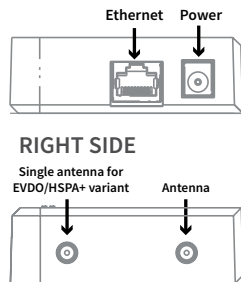
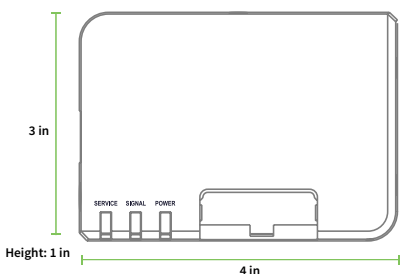
PRODUCT WARRANTY	5 years	
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DIGI TRANSPORT® WR11 - TOP

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

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