

COMPACT 4G LTE  
M2M ROUTER



# DIGI TRANSPORT® WR11

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

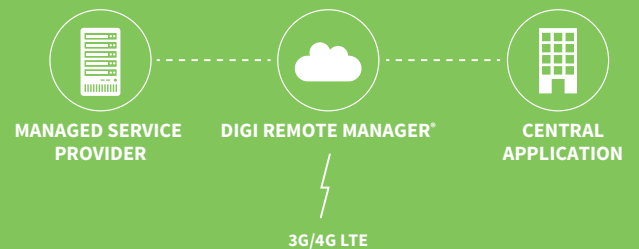
Digi TransPort WR11 delivers a cost-optimized 4G LTE connection to mission critical M2M applications around the world. The router comes with Digi's enterprise software configuration by default, which means network administrators have the routing, security, VPN and stateful firewall tools they need to create a PCI compliant network right out of the box.

Digi management solutions provide easy setup, configuration and maintenance of large installations of remote Digi TransPort devices. Digi Remote Manager® offers web-based device management for remote Digi cellular routers and gateways.

## 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
- 5-year warranty standard—no additional cost

## APPLICATION EXAMPLE



## RELATED PRODUCTS



Digi TransPort®  
WR21



Digi TransPort®  
WR31



Digi TransPort®  
WR44 R



Accessories



Digi Remote  
Manager®

# SPECIFICATIONS

# Digi TransPort® WR11

## 3G/4G LTE SPECS

<b>LTE – NORTH AMERICA (L6)</b>	LTE CAT 3: 700(B17)/850(B5)/AWS(B4)/1900(B2) 3G HSPA+: 850/1900 MHz 2G Edge: 850/1900 MHz Transfer rate (max): 100 Mbps down, 50Mbps up Approvals: PTCRB, AT&T, Telus, Bell
<b>LTE – VERIZON (L8)</b>	Coverage: United States LTE CAT 3: 700(B13)/AWS(B4) Transfer rate (max): 100 Mbps down, 50Mbps up Approvals: Verizon
<b>LTE – EMEA/APAC (L7)</b>	LTE CAT 3: 800(B20)/1800(B3)/2600(B7) 3G HSPA+: 900/2100 MHz 2G Edge/GPRS: 850/900/1800/1900 MHz Transfer rate (max): 100 Mbps down, 50Mbps up Approvals: Vodafone
<b>GLOBAL HSPA+ - (U9)</b>	3G HSPA+: 850/900/1700AWS/1900/2100 MHz 2G EDGE/GPRS: 850/900/1800/1900 MHz Transfer rate (max): 21 Mbps down, 5.76 Mbps up Approvals: PTCRB, Vodafone
<b>CONNECTORS</b>	(2) 50 Ω SMA (Center pin: female); (1) connector for non-LTE models
<b>SIM SLOTS</b>	(2) Mini-SIM (2FF)
<b>SIM SECURITY</b>	Snap-fit SIM cover

## SOFTWARE & MANAGEMENT

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

## ETHERNET

<b>PORTS</b>	(1) RJ-45; 10/100 Mbps (auto-sensing)
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## PHYSICAL

<b>DIMENSIONS (L X W X H)</b>	3 in x 4 in x 1 in (7.62 cm x 10.16 cm x 2.54 cm)
<b>WEIGHT</b>	0.25 lb (0.11 kg)
<b>STATUS LEDS</b>	Power on, WWAN signal strength, WWAN service
<b>ENCLOSURE</b>	Polycarbonate / IP30

## POWER REQUIREMENTS

<b>POWER INPUT</b>	5Vdc, 15W minimum power source required
<b>POWER SUPPLY</b>	Must be used with a Digi approved power supply
<b>POWER CONSUMPTION</b>	3.5W typical (Idle); 10W typical (Peak Tx/Rx)

## ENVIRONMENTAL

<b>OPERATING TEMPERATURE</b>	0° C to +40° C (32° F to +104° F)
<b>RELATIVE HUMIDITY</b>	5% to 95% (non-condensing)

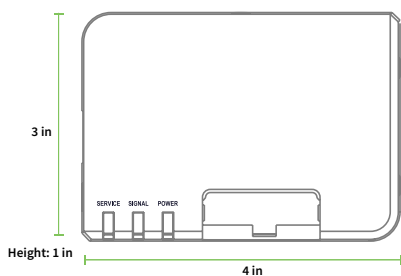
## APPROVALS

<b>CELLULAR</b>	PTCRB
<b>SAFETY</b>	UL 60950, CSA 22.2 No. 60950, EN60950
<b>EMISSIONS/IMMUNITY</b>	CE, FCC Part 15 Class B, AS/NZS CISPR 22, EN55024, EN55022 Class B

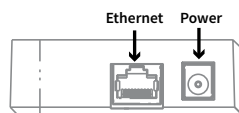
## WARRANTY

<b>PRODUCT WARRANTY</b>	5 years
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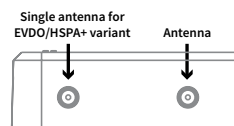
DIGI TRANSPORT® WR11 - TOP



LEFT SIDE

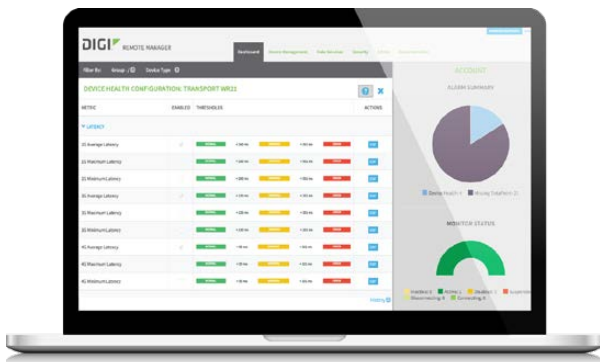


RIGHT SIDE



ENTERPRISE SOFTWARE	DESCRIPTION
<b>PROTOCOL SUPPORT</b>	HTTP, HTTPS, FTP, SFTP, SSL, SMTP, 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
<b>SECURITY/VPN</b>	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; (5) VPN Tunnels (upgradable to a maximum of 50); 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
<b>ROUTING/FAILOVER</b>	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
<b>OTHER PROTOCOLS</b>	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 a commercial-grade SAS 70-certified environment
- Superior availability, operating to 99.9% or greater
- Open APIs available to support application development

### SECURITY

- Certified SSAE-16 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	HSPA+ Global
WR11-L600-DE1-SU	4G LTE North America (AT&T and GSM Carriers)
WR11-L700-DE1-SW	4G LTE EMEA/APAC
WR11-L800-DE1-SU	4G LTE Verizon