Manage this device with
Digi Remote Manager

DIGI WR11 XT

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

Digi WR11 XT delivers 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 and controllers)

– IP cameras and access controllers

– Remote data loggers, flow meters and sensing equipment

– Telco infrastructure controllers

– ATMs, kiosks and service terminals

Digi 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.

Gain critical insights into your deployed devices and manage your network with **Digi Remote Manager**® — the command center for your deployment. Digi Remote Manager (Digi RM) is a cloud-based solution that facilitates easy setup, mass configuration, maintenance and support for hundreds or even thousands of remote Digi devices.

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** platform for easy setup, mass configuration and management

– Rugged aluminum enclosure, flanges and optional DIN rail clip for flexible mounting

APPLICATION EXAMPLE

MANAGED SERVICE PROVIDER

DIGI REMOTE MANAGER®

CENTRAL APPLICATION

3G/4G/LTE

DIGI WR11 XT

Gaming Terminal

Industrial Controller

Service Kiosk

ATM

RELATED PRODUCTS

Digi WR21   Digi WR31   Digi WR44 R   Accessories   Digi Remote Manager®
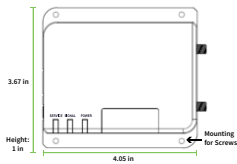
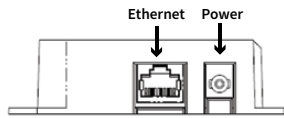| SPECIFICATIONS	Digi WR11 XT
CELLULAR	
LTE - EMEA (M3)	LTE Cat 1: 800(B20)/900(B8)/1800(B3)/2100(B1)/2600(B7) 2G EDGE: 900/1800 MHz Transfer rate (max): 10 Mbps down, 5 Mbps up
LTE - EMEA/APAC (L7)	LTE Cat 3: 800(B20)/1800(B3)/2600(B7) 3G HSPA+: 900/2100 MHz 2G Edge/GPRS: 850/900/1800/1900 MHz Transfer rate (max): 100 Mbps down, 50 Mbps up
LTE - UNITED STATES (M4)	LTE Cat 1: 700(B12)/850(B5,B26)/AWS(B4)/1900(B2,B25) Transfer rate (max): 10 Mbps down, 5 Mbps up Approvals: Sprint (pending)
LTE - NORTH AMERICA (M6)	LTE Cat 1: 700(B12,B13)/850(B5)/AWS(B4)/1900(B2) HSPA+: 850/1900 MHz Transfer rate (max): 10 Mbps down, 5 Mbps up Approvals: PTCRB, AT&T, Verizon, Telus (pending)
LTE - ANZ/LATAM (M9)	LTE Cat 1: 700(B28)/850(B5)/900(B8)/1800(B3)/2100(B1) 3G HSPA+: 850/900/2100 MHz Transfer rate (max): 10 Mbps down, 5 Mbps up
CONNECTORS	(2) 50 Ω SMA (center pin: female); (1) connector for non-LTE models
SIM SLOTS	(2) Mini-SIM (2FF)
SIM SECURITY	Screw-down SIM cover
SOFTWARE & MANAGEMENT	
REMOTE MANAGEMENT	Digi Remote Manager® (cloud based); SNMP v1/v2c/v3 (user installed/managed)
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; 10/100 Mbps (auto-sensing)
PHYSICAL	
DIMENSIONS (L X W X H)	7.62 cm x 10.16 cm x 2.54 cm (3 in x 4 in x 1 in)
WEIGHT	.22 kg (0.5 lb)
STATUS LEDS	Power on, WWAN signal strength, WWAN service
ENCLOSURE	Industrial (metal) / IP30
POWER REQUIREMENTS	
POWER INPUT	5 VDC, 15 W minimum power source required
POWER SUPPLY	Must be used with a Digi approved power supply
POWER CONSUMPTION	3.5 W typical (Idle); 10 W typical (Peak Tx/Rx)
ENVIRONMENTAL	
OPERATING TEMPERATURE	-30° C to 70° C (-22° F to 158° F) reduced cellular performance may occur above 60° C (140° F)
RELATIVE HUMIDITY	5% to 95% (non-condensing)
APPROVALS	
CELLULAR	PTCRB
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	3-year*

*Standard 3-year warranty upgradeable to 5 years with purchase of a Digi Remote Manager Premier 5-year subscription applicable to the product purchased only at the time of product purchase and with product registration at that time in Digi Remote Manager.
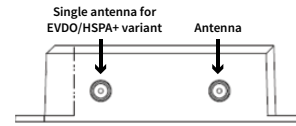
DIGI®

PRODUCT IMAGES

DIGI TRANSPORT® WR11 XT - TOP

3.67 in

Height: 1 in

Mounting for Screws

4.05 in

LEFT SIDE

Ethernet   Power

RIGHT SIDE

Single antenna for EVDO/HSPA+ variant   Antenna

ENTERPRISE SOFTWARE	DESCRIPTION
PROTOCOL SUPPORT	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
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;(5) VPN tunnels (not upgradable); 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); 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®

Digi Remote Manager is the technology platform that brings networks to the next level, allowing networks — and the people who manage them — to work smarter. With Digi Remote Manager you can transform a multitude of dispersed IoT devices into a dynamic, intelligent network. Now you can easily deploy, monitor and diagnose thousands of mission-critical devices from a single point of command — on your desktop, tablet or phone. All the while, its software-defined security diligently safeguards your entire Digi ecosystem.

Learn more at **www.digi.com/digi-remote-manager**

CAPABILITIES

– Activate, monitor and diagnose your mission-critical devices from a single point of command and control — on your desktop or mobile app

– Schedule key operations — including firmware updates and file management — on a single device or on a group of devices, keeping your network functionality up-to-date and maintaining compliance standards

– Manage edge devices out-of-band via console terminal access

– Keep tabs on device health and connectvity across device deployments of any size

– Create detailed reports and enable real-time alerts for specified conditions

– Integrate device data through open APIs to gain deeper insights and control with third-party applications

– Report and alert on performance statistics, including connection history, signal quality, latency, data usage and packet loss

INFRASTRUCTURE

– Hosted in a commercial-grade cloud server environment that meets SOC 1®, SOC 2® and SOC 3® standards

– Superior availability, operating to 99.9% or greater

– Open APIs available to support application development

SECURITY

– More than 175 security controls in place to protect your data

– Member of the Center for Internet Security® (CIS®)

– Enables compliance with security frameworks like ISO27002, HIPAA, NIST and more

– Earned Skyhigh's CloudTrust™ Program highest rating of Enterprise-Ready

PART NUMBERS	DIGI WR11 XT
WR11-M300-DE1-XB	Digi WR11 XT - 4G LTE EMEA/APAC, single Ethernet with 2G fallback
WR11-M400-DE1-XB	Digi WR11 XT - 4G LTE Sprint, single Ethernet
WR11-M600-DE1-XB	Digi WR11 XT - 4G LTE North America, single Ethernet
WR11-M900-DE1-XB	Digi WR11 XT - 4G LTE APAC/LATAM, single Ethernet
WR11-L700-DE1-XB	Digi WR11 XT - 4G LTE EMEA/APAC, single Ethernet with 2G/3G fallback

PART NUMBERS	DESCRIPTION
76000926	Antenna - cellular, 3G/4G/LTE
76000954	Antenna base – SMA, 1m, RG174
76002074	Accessory kit - AC power, std temperature, EU plug
76002065	Accessory kit - DC power
76002062	Accessory kit - AC power, std temperature, US plug
76002063	Accessory kit - AC power, std temperature, intl plugs
76002064	Accessory kit - AC power, extd temperature, intl plugs
76000935	AC power supply - EU plug to 5 VDC - 2.5 mm locking barrel plug
76000965	AC power supply - extd temperature, universal plugs (US, EU, UK, AU) to 5 VDC - 2.5 mm locking barrel plug
76000934	AC power supply - US plug to 5 VDC - 2.5 mm locking barrel plug
76000976	DC power supply - converts 9-30VDC to 5 VDC - 2.5 mm locking barrel plug
76002021	AC power supply - std temperature, universal plugs (US, EU, UK, AU) to 5 VDC - 2.5 mm locking barrel plug
76000826	Cable - Ethernet, RJ-45 to RJ-45, 2 m
76000682	Mounting Bracket – DIN Rail
76000826	Cable - Ethernet, RJ45 to RJ45, 2m

*Sold separately, unless otherwise noted.

PART NUMBERS	DIGI REMOTE MANAGER®
DIGI-RM-STD-1YR	Digi Remote Manager Standard - 1-year subscription
DIGI-RM-PRM-1YR	Digi Remote Manager Premier - 1-year subscription
DIGI-RM-PRM-3YR	Digi Remote Manager Premier - 3-year subscription
DIGI-RM-PRM-5YR	Digi Remote Manager Premier - 5-year subscription

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