Manage this device with
Digi Remote Manager

DIGI EX15

Branch connectivity in a compact, affordable, all-in-one solution

Digi EX15 LTE cellular extenders offer gigabit Ethernet and Wi-Fi connectivity for retailers and other organizations that cannot tolerate network downtime and the negative impact on revenue streams and brand reputation.

A suite of upgradeable Digi CORE® plug-in LTE modems lets users select the cellular speeds that best fit their business requirements, including LTE Cat 4, LTE-Advanced Cat 6 and Cat 11 for data-intensive applications, and LTE-Advanced Pro Cat 18 for critical communications.

Combine a Digi EX15 with a dedicated wireline connection to ensure dual ISP connectivity, maximum uptime and complete business continuity for devices that must be "always on," such as mobile kiosks, digital signs and POS systems.

You can use Digi EX15 for primary LTE connectivity, in addition to dual-connectivity/failover. Additionally, the serial port can provide out-of-band (OOB) management for remote, off-premise equipment.
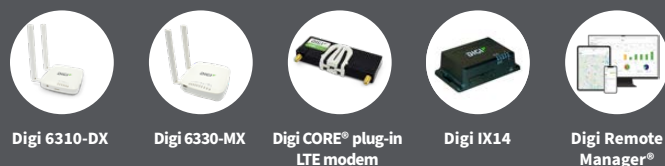
Digi device management applications provide easy setup, configuration and support for Digi devices. **Digi Remote Manager®** offers secure, web-based device management for network visibility and control over your Digi enterprise routers and gateways after deployment.

For fast and easy installations, a site survey battery, PoE injector and mounting accessories are included for proper placement based on optimal signal strength.
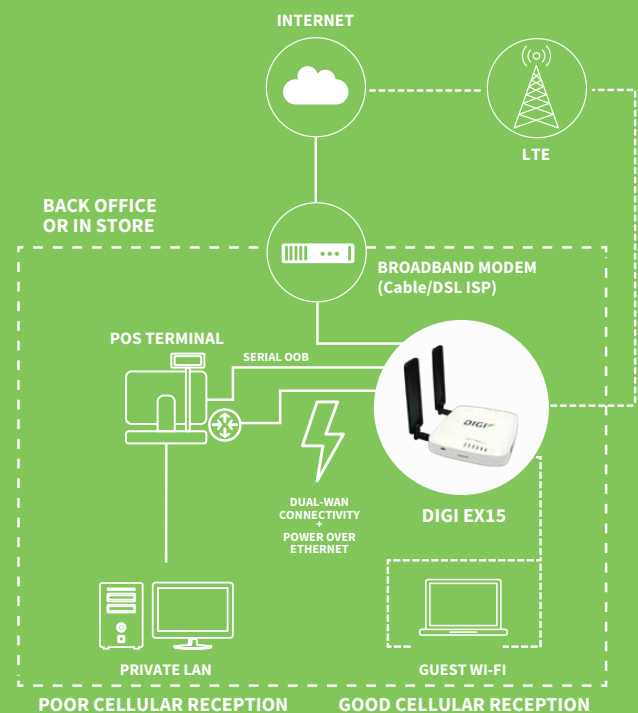
FEATURES AND BENEFITS

– LTE-certified Digi CORE® plug-in modem

– Scalable cellular technology allows you to match speeds to applications and future proof your network

– Optimized connectivity to any Ethernet device

– Battery pack for site survey to identify optimal signal strength placement

– Multiple mounting options and accessories

– Serial port for remote, out-of-band management

– Securely deploy, monitor and control devices with Digi Remote Manager®

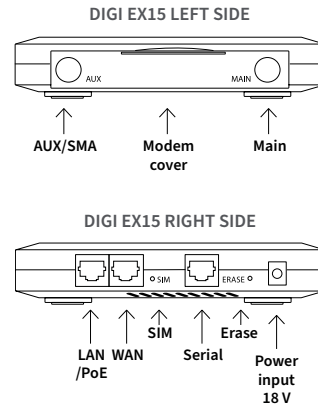– Zero-touch provisioning and cloud management

APPLICATION EXAMPLE

RELATED PRODUCTS

Digi 6310-DX   Digi 6330-MX   Digi CORE® plug-in LTE modem   Digi IX14   Digi Remote Manager®

SPECIFICATIONS	DIGI® EX15
CELLULAR CONNECTIVITY	
DIGI CORE® PLUG-IN LTE MODEMS	LTE Cat 4 (US): B2, B4, B5, B12, B13; 3G: B2, B5; Transfer rate (max): 150 Mbps down, 50 Mbps up
	LTE Cat 4 (EU): B1, B3, B7, B8, B20; 3G: B1, B8; 2G: B3, B8; Transfer rate (max): 150 Mbps, 50 Mbps up
	LTE-A Cat 6 (GLB): B1, B2, B3, B4, B5, B7, B8, B12, B13, B20, B25, B26, B29, B30, B41; WCDMA: B1, B2, B3, B4, B5, B8; Transfer rate (max): 300 Mbps, 50 Mbps up
	LTE-A Cat 11 (GLB): LTE FDD: B1, B2, B3, B4, B5, B7, B8, B12, B13, B17, B20, B25, B26, B29, B30, B66; LTE TDD: B38, B40, B41; 3G: B1, B2, B4, B5, B8; Transfer rate (max): 600 Mbps, 75 Mbps up
	LTE-A Pro Cat 18 (GLB): LTE FDD: B1, B2, B3, B4, B5, B7, B8, B12, B13, B17, B20, B25, B26, B29, B30, B66; LTE TDD: B38, B39, B40, B41; 3G: B1, B2, B4, B5, B8; Transfer rate (max): 1.2 Gbps down, 150 Mbps up per module
CONNECTORS	(2) 50 Ω SMA (center pin: female)
SIM SLOTS	(2) Mini-SIM (2FF); software selectable and hardware switchable
SOFTWARE AND MANAGEMENT	
REMOTE MANAGEMENT	Digi Remote Manager®; SNMP v3 (user installed/managed), encrypted SMS
LOCAL MANAGEMENT	WebUI (HTTP/HTTS); CLI (SSH, serial port)
PROTOCOLS	RIP, RIPng, OSPFv2, OSPFv3, BGP, Babel, IS-IS
MANAGEMENT / TROUBLESHOOTING TOOLS	FTP client, SCP; protocol analyzer with PCAP for Wireshark; event logging with syslog and SMTP client; NTP/SNTP
MEMORY	256 MB RAM, 512 MB flash
ETHERNET	
PORTS	(2) RJ-45; 10/100/1000 Mbps (auto-sensing)
WI-FI (OPTIONAL)	
CONNECTIVITY	2 x 2 MIMO 2.4/5 GHz: 802.11 b/g/n 2.4 GHz; 802.11 n/a/ac 5 GHz
SERIAL	
PORTS	(1) RS-232 (RJ-45)
PHYSICAL	
DIMENSIONS (L x W x H)	142 mm x 128 mm x 31 mm (5.6 in x 5.0 in x 1.2 in)
WEIGHT	0.2 kg (7.0 oz)
STATUS LEDs	LAN (link = solid, flashing = act), WAN (link = solid, flashing = act), LTE, 5 signal, SIM 1 and 2 LEDs
ENCLOSURE	Plastic
POWER REQUIREMENTS	
POWER INPUT	18 VDC 1 A
OTHER	includes PSU, antennas, and remote mounting kit: temporary battery, passive PoE injector, mounting bracket and accessories
ENVIRONMENTAL	
OPERATING TEMPERATURE	0° C to 40° C (32° F to 104° F)
RELATIVE HUMIDITY	5% to 95% (non-condensing)
APPROVALS	
CELLULAR	PTCRB; US: AT&T, Verizon; Canada; Europe
EMISSIONS / IMMUNITY	FCC Part 15, Subpart B, Class A; CE, RCM; CAN ICES-3(B)/NMB-3(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.

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PRODUCT IMAGES

DIGI EX15 TOP

31 mm

142 mm

128 mm

DIGI EX15 LEFT SIDE

AUX/SMA   Modem cover   Main

DIGI EX15 RIGHT SIDE

LAN /PoE   WAN   SIM   Serial   Erase   Power input 18 V

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 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

PART NUMBERS	DIGI® EX15
ASB-EX15-XX04-OUS	Digi EX15: 2-port GigE; RJ-45, RS-232, No Wi-Fi; LTE / HSPA+ Cat 4; Cellular certifications: PTCRB, AT&T, Verizon, US, Canada
ASB-EX15-XXE4-GLB	Digi EX15: 2-port GigE; RJ-45, RS-232, No Wi-Fi; LTE / HSPA+ Cat 4; Cellular certifications: PTCRB, Europe
ASB-EX15-XX06-GLB	Digi EX15: 2-port GigE; RJ-45, RS-232, No Wi-Fi; LTE-A / HSPA+ Cat 6; Cellular certifications: PTCRB, AT&T, Verizon, US, Canada, Europe
ASB-EX15-XX11-OUS	Digi EX15: 2-port GigE; RJ-45, RS-232, No Wi-Fi; LTE-A / HSPA+ Cat 11; Cellular certifications: PTCRB, AT&T, Verizon, US, Canada
ASB-EX15-XX11-GLB	Digi EX15: 2-port GigE; RJ-45, RS-232, No Wi-Fi; LTE-A / HSPA+ Cat 11; Cellular certifications: PTCRB, AT&T, Verizon, US, Canada, Europe
ASB-EX15-XC18-GLB	Digi EX15: 2-port GigE; RJ-45, RS-232, No Wi-Fi; LTE-A Pro / HSPA+ Cat 18; Cellular certifications: PTCRB, AT&T, Verizon, US, Canada, Europe
ASB-EX15-WX04-OUS	Digi EX15: 2-port GigE; RJ-45, RS-232, Wi-Fi; LTE / HSPA+ Cat 4; Cellular certifications: PTCRB, AT&T, Verizon, US, Canada
ASB-EX15-WXE4-GLB	Digi EX15: 2-port GigE; RJ-45, RS-232, Wi-Fi; LTE / HSPA+ Cat 4; Cellular certifications: PTCRB, Europe
ASB-EX15-WX06-GLB	Digi EX15: 2-port GigE; RJ-45, RS-232, Wi-Fi; LTE-A / HSPA+ Cat 6; Cellular certifications: PTCRB, AT&T, Verizon, US, Canada, Europe
ASB-EX15-WX11-OUS	Digi EX15: 2-port GigE; RJ-45, RS-232, Wi-Fi; LTE-A / HSPA+ Cat 11; Cellular certifications: PTCRB, AT&T, Verizon, US, Canada
ASB-EX15-WX11-GLB	Digi EX15: 2-port GigE; RJ-45, RS-232, Wi-Fi; LTE-A / HSPA+ Cat 11; Cellular certifications: PTCRB, AT&T, Verizon, US, Canada, Europe
ASB-EX15-WC18-GLB	Digi EX15: 2-port GigE; RJ-45, RS-232, Wi-Fi; LTE-A Pro / HSPA+ Cat 18; Cellular certifications: PTCRB, AT&T, Verizon, US, Canada, Europe

PART NUMBERS	DIGI CORE® PLUG-IN LTE MODEMS
ASB-1002-CM04-OUS	Digi CORE plug-in LTE modem; LTE / HSPA+ Cat 4; Cellular certifications: PTCRB, AT&T, Verizon, Canada
ASB-1002-CME4-GLB	Digi CORE plug-in LTE modem; LTE / HSPA+ Cat 4; Cellular certifications: PTCRB, RED, Europe
ASB-1002-CM06-GLB	Digi CORE plug-in LTE modem; LTE-A / HSPA+ Cat 6; Cellular certifications: PTCRB, RED, AT&T, Verizon, Canada, Europe
ASB-1003-CM11-GLB	Digi CORE plug-in LTE modem; LTE-A / HSPA+ Cat 11; Cellular certifications: PTCRB, RED, AT&T, Verizon, Canada, Europe
ASB-1003-CM18-GLB	Digi CORE plug-in LTE modem; LTE-A Pro / HSPA+ Cat 18; Cellular certifications: PTCRB, AT&T, Verizon, US, Canada, Europe

PART NUMBERS	ACCESSORIES
450061	18 V PSU power supply with barrel jack connector (replacement)
500157	Cable assembly passive POE power injector, white 2.1 mm barrel connector (replacement)
560083	Temporary site survey battery pack, 9 V with 152.4 mm power lead, 2.1 mm barrel connector (replacement)
170011	(1) Antenna extender: 48 mm circle antenna magnetic base (base connector: SMA jack); cable: low loss CLF; 50 cm length with SMA plug (replacement for optional Wi-Fi enabled models)
170017	(2) Cellular antenna (replacement)

*Digi EX15 FirstNet® models are only available through AT&T®. FirstNet® and FirstNet Ready™ are registered trademarks and service marks of the First Responder Network Authority.

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