



LTE CELLULAR
EXTENDER FOR
BUSINESS CONTINUITY



DIGI EX12

Avoid network outages with primary or backup LTE connectivity; integrate seamlessly with existing infrastructure

The Digi EX12 LTE cellular extender is an affordable, scalable failover solution that enables you to retrofit your infrastructure for cellular network access. With a carrier-certified, embedded LTE Cat 4 cellular modem, equipped with dual SIM slots, Digi EX12 provides uninterrupted primary or backup connectivity. It protects against downtime by automatically switching to a secondary cellular carrier should the primary SIM lose Internet access. This compact, high-performance device is also compatible with any dual-WAN networking appliance and helps you achieve reliable connectivity at any location using your existing equipment.

Couple the Digi EX12 with a dedicated wireline ISP connection to maximize uptime and ensure reliable network availability

for POS systems, ATMs, mobile kiosks, digital signage and more. Deployments are streamlined with installation accessories including an optional Remote Mounting Kit with a disposable battery pack for site survey, mounting bracket and a passive Power-over-Ethernet (PoE) injector for optimizing placement for the best cellular reception.

Digi EX12 can be securely monitored and managed with Digi Remote Manager®, a cloud-based solution that facilitates setup, mass configuration, maintenance and support for hundreds or even thousands of remote Digi® devices. Digi Remote Manager lets you evaluate, update and configure your Digi products — and the health of your network — at scale after deployment.

FEATURES AND BENEFITS

- Redundant cellular connectivity with dual SIMs and Digi SureLink®
- Digi TrustFence® for built-in device security, secure encrypted connections, ongoing monitoring and support
- Optional Remote Mounting Kit with bracket, accessories, passive PoE injector and site survey battery pack to identify the best location for optimum cellular reception
- Automatic cellular carrier detection and switching with Carrier Smart Select™
- Digi Remote Manager software for easy setup, mass configuration and management

RELATED PRODUCTS



Digi EX15



Digi 6330-MX



Digi 6310-DX

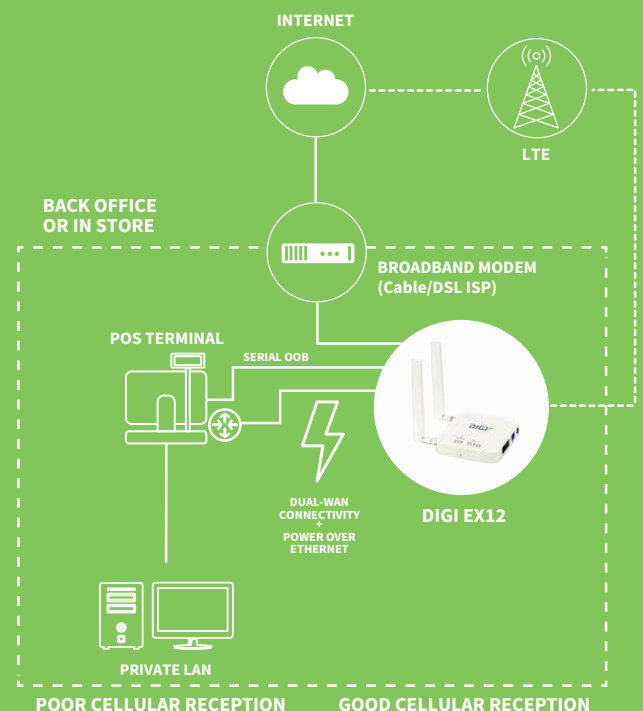


Accessories



Digi Remote Manager

APPLICATION EXAMPLE



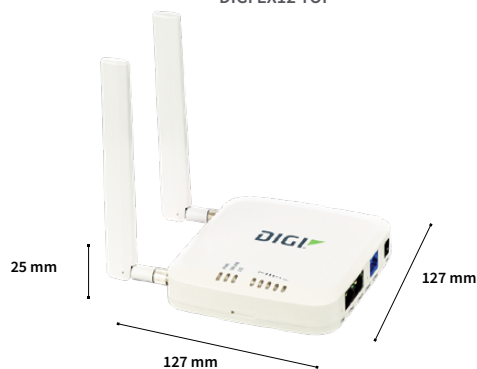
SPECIFICATIONS

DIGI® EX12

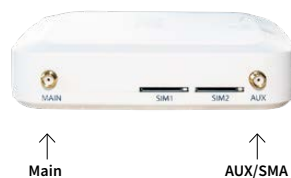
CELLULAR CONNECTIVITY	
CELLULAR	LTE: B2, B4, B5, B12, B13, B14, B66, B71; 3G: B2, B4, B5; Transfer rate (max): 150 Mbps down, 50 Mbps up
CONNECTORS	(2) 50 Ω SMA (center pin: female)
SIM SLOTS	(2) Mini-SIM (2FF); software selectable and hardware switchable
SOFTWARE AND MANAGEMENT	
REMOTE MANAGEMENT	Digi Remote Manager®; SNMP v3 (user installed/managed), encrypted SMS
LOCAL MANAGEMENT	WebUI (HTTP/HTTPS); 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 Mbps (auto-sensing)
SERIAL	
PORTS	(1) RS-232 (RJ-45)
PHYSICAL	
DIMENSIONS (L x W x H)	127 mm x 127 mm x 25 mm (5.0 in x 5.0 in x 1.0 in)
WEIGHT	0.24 kg (8.25 oz)
STATUS LEDs	LAN (link = solid, flashing = act), WAN (link = solid, flashing = act), LTE, 5 signal
ENCLOSURE	Plastic
POWER REQUIREMENTS	
POWER INPUT	18 VDC 1 A
OTHER	Includes power supply, cables, antennas and optional Remote Mounting Kit: temporary battery, passive PoE injector, mounting bracket and accessories (see part numbers for details); Note: only the Digi-supplied power supply and passive PoE injector are recommended for use with Digi EX12
ENVIRONMENTAL	
OPERATING TEMPERATURE	0° C to 40° C (32° F to 104° F)
RELATIVE HUMIDITY	5% to 95% (non-condensing)
APPROVALS	
CELLULAR	Visit www.digi.com/resources/certifications for latest certifications
EMISSIONS / IMMUNITY	FCC Part 15, Subpart B, Class A; CE, RCM; CAN ICES-3(B)/NMB-3(B)
WARRANTY	
PRODUCT WARRANTY	3-year

PRODUCT IMAGES

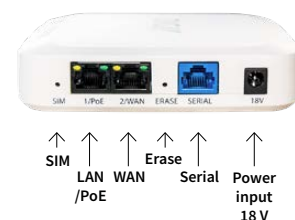
DIGI EX12 TOP



DIGI EX12 LEFT SIDE



DIGI EX12 RIGHT SIDE



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 connectivity 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® EX12

EX12-R004-OUS

Digi EX12 with Remote Mounting Kit - 2-port 10/100; RJ-45, RS-232; US and Canada, LTE / HSPA+ Cat 4; Includes antennas, power supply, site survey battery, PoE injector and mounting accessories

EX12-0004-OUS

Digi EX12 without Remote Mounting Kit - 2-port 10/100; RJ-45, RS-232; US and Canada, LTE / HSPA+ Cat 4; Includes antennas and power supply

PART NUMBERS

ACCESSORIES

450069

18 V PSU power supply with barrel jack connector (replacement)

500170

10/100 base-T passive PoE adapter, green (replacement)

440084

4 meter flat Cat 6 Ethernet cable, white (replacement)

440091

0.5 meter flat Cat 6 Ethernet cable, white (replacement)

560083

Temporary site survey battery pack, 9 V with 152.4 mm power lead, 2.1 mm barrel connector (replacement)

DIGI SERVICE AND SUPPORT / You can purchase with confidence knowing that Digi is always available to serve you with expert technical support and our industry leading warranty. For detailed information visit www.digi.com/support.

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