



LTE CELLULAR  
EXTENDER FOR  
BUSINESS CONTINUITY



Manage this device with  
Digi Remote Manager



# DIGI EX12

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

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 mounting hardware, a disposable battery pack for site survey and a passive 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 and support for Digi and third-party devices. Digi Remote Manager lets you evaluate, update and configure your Digi enterprise routers and gateways — and the health of your network — at scale, after deployment.

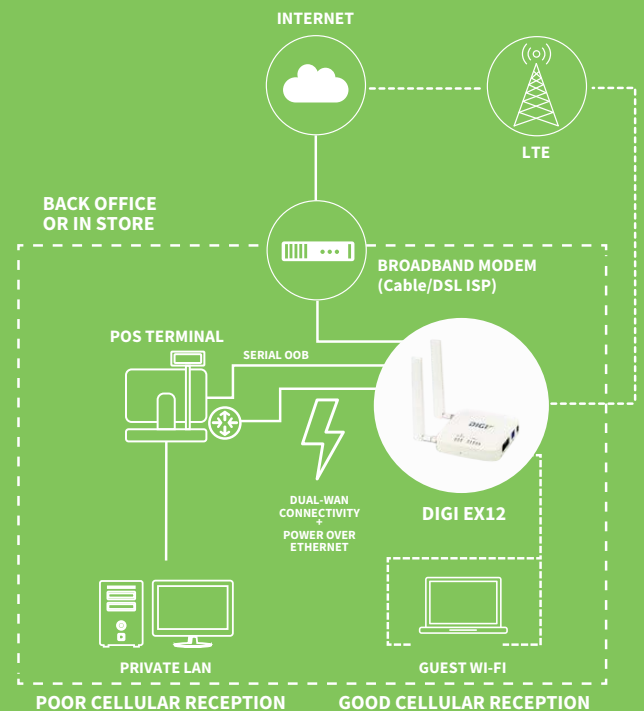
## FEATURES AND BENEFITS

- Redundant cellular connectivity with dual SIMs and Digi SureLink®
- Digi TrustFence® for built-in device security and data privacy
- Site survey battery pack to identify the best location for optimum cellular reception
- Remote mounting kit for quick installation
- Automatic cellular carrier detection and switching with Carrier Smart Select™
- Digi Remote Manager software for easy setup, mass configuration and management

## RELATED PRODUCTS



## APPLICATION EXAMPLE

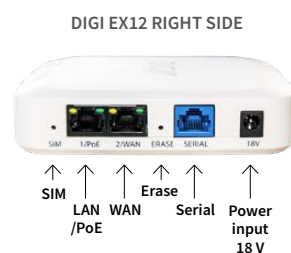
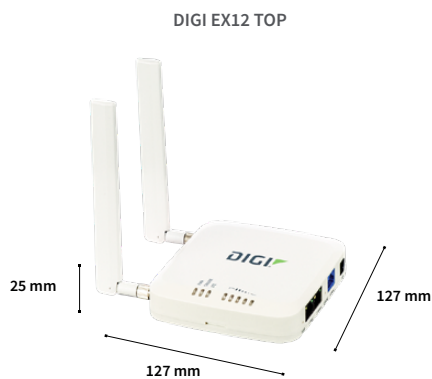


## SPECIFICATIONS

## DIGI® EX12

CELLULAR CONNECTIVITY	
<b>EX12-R004-0US</b>	LTE: B2, B4, B5, B12, B13, B14, B66, B71; 3G: B2, B4, B5; Transfer rate (max): 150 Mbps down, 50 Mbps up
<b>CONNECTORS</b>	(2) 50 Ω SMA (center pin: female)
<b>SIM SLOTS</b>	(2) Mini-SIM (2FF); software selectable and hardware switchable
SOFTWARE AND MANAGEMENT	
<b>REMOTE MANAGEMENT</b>	Digi Remote Manager®; SNMP v3 (user installed/managed), encrypted SMS
<b>LOCAL MANAGEMENT</b>	WebUI (HTTP/HTTPS); CLI (SSH, serial port)
<b>PROTOCOLS</b>	RIP, RIPng, OSPFv2, OSPFv3, BGP, Babel, IS-IS
<b>MANAGEMENT/ TROUBLESHOOTING TOOLS</b>	FTP client, SCP; protocol analyzer with PCAP for Wireshark; event logging with Syslog and SMTP client; NTP/SNTP
<b>MEMORY</b>	256 MB RAM, 512 MB flash
ETHERNET	
<b>PORTS</b>	(2) RJ-45; 10/100 Mbps (auto-sensing)
SERIAL	
<b>PORTS</b>	(1) RS-232 (RJ-45)
PHYSICAL	
<b>DIMENSIONS (L x W x H)</b>	127 mm x 127 mm x 25 mm (5.0 in x 5.0 in x 1.0 in)
<b>WEIGHT</b>	0.24 kg (8.25 oz)
<b>STATUS LEDs</b>	LAN (link = solid, flashing = act), WAN (link = solid, flashing = act), LTE, 5 signal
<b>ENCLOSURE</b>	Plastic
POWER REQUIREMENTS	
<b>POWER INPUT</b>	18 VDC 1 A
<b>OTHER</b>	Includes PSU, cables, antennas and remote mounting kit: temporary battery, passive PoE injector, mounting bracket and accessories
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>	Visit <a href="https://www.digi.com/resources/certifications">https://www.digi.com/resources/certifications</a> for latest certifications
<b>EMISSIONS / IMMUNITY</b>	FCC Part 15, Subpart B, Class A; CE, RCM; CAN ICES-3(B)/NMB-3(B)
WARRANTY	
<b>PRODUCT WARRANTY</b>	3-year

## PRODUCT IMAGES



# 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
- Get alerts and create reports on performance statistics, including connection history, signal quality, latency, data usage and packet loss
- No servers or applications to operate and maintain
- Perform tasks across your entire device network in minutes
- Edit configurations and update firmware for individual devices or groups
- Monitor the status and location of remote devices via a web browser
- Activate 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
- Over 175 security controls in place to protect your data
- Enables compliance with security frameworks like PCI, HIPAA, NIST
- Earned SkyHigh's Cloud Trust Program highest rating of Enterprise-Ready

PART NUMBERS	DIGI EX12
EX12-R004-OUS	Digi EX12 - 2-port 10/100; RJ-45, RS-232; US and Canada, LTE / HSPA+ Cat 4

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)

FOR MORE INFORMATION  
PLEASE VISIT [DIGI.COM](http://DIGI.COM)

**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](http://www.digi.com/support).

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