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

APPLICATION EXAMPLE

DIGI EX12

LTE CELLULAR EXTENDER FOR BUSINESS CONTINUITY

RELATED PRODUCTS

Digi EX15  Digi 6330-MX  Digi 6310-DX  Accessories  Digi Remote Manager
### DIGI® EX12

#### SPECIFICATIONS

**Cellular Connectivity**
- **EX12-R004-0US**
  - 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 v1/v2c/v3 (user installed/managed)
- **Local Management**
  - 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**
- (2) RJ-45; 10/100 Mbps (auto-sensing)

**Serial**
- (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**
- 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
- **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

[Images of DIGI EX12 TOP, DIGI EX12 LEFT SIDE, DIGI EX12 RIGHT SIDE]
### 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

- **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

<table>
<thead>
<tr>
<th>PART NUMBERS</th>
<th>DIGI EX12</th>
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<tbody>
<tr>
<td>EX12-R004-OUS</td>
<td>Digi EX12: 2-port 10/100; RJ-45, RS-232; US and Canada, LTE / HSPA+ Cat 4; Cellular certifications: PTCRB, AT&amp;T, Verizon, Canada</td>
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<tr>
<th>PART NUMBERS</th>
<th>ACCESSORIES</th>
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<tbody>
<tr>
<td>450069</td>
<td>18 V PSU power supply with barrel jack connector (replacement)</td>
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<tr>
<td>500170</td>
<td>10/100 base-T passive PoE adapter, green (replacement)</td>
</tr>
<tr>
<td>440084</td>
<td>4 meter flat Cat 6 Ethernet cable, white (replacement)</td>
</tr>
<tr>
<td>440091</td>
<td>0.5 meter flat Cat 6 Ethernet cable, white (replacement)</td>
</tr>
<tr>
<td>560083</td>
<td>Temporary site survey battery pack, 9 V with 152.4 mm power lead, 2.1 mm barrel connector (replacement)</td>
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**FOR MORE INFORMATION PLEASE VISIT** [DIGI.COM](http://www.digi.com)