



# Digi Connect IT Mini

Secure, affordable, managed out-of-band access for isolated remote IT devices

**Digi Connect® IT Mini** is a full function IoT router and remote console access server that ensures continuous network uptime to remote locations. It provides a cost-effective, always-on, out-of-band gateway for branch office routers in locations like retail stores, kiosks or other sites — easy to deploy and centrally managed via **Digi Remote Manager®** (Digi RM), which is included in your **Digi 360** solution. (See page 2.)

Connect IT Mini enables backup connectivity to manage and correct issues with isolated, critical IT infrastructure.

For enterprises that need serial access for remote equipment monitoring, Digi Connect IT Mini offers a complete and secure cellular-based solution in the industry for less than the cost of an enterprise modem.

Using **Digi RM** and Connect IT Mini, network administrators can identify and remediate issues at the network edge before they can become a work order or cause a network interruption. Digi RM and Digi Connect IT Mini provide easy setup, configuration, security management and serial port monitoring of large installations of remote Digi devices.

**Digi TrustFence®**, a suite of hardware and security features, ensures the integrity of Digi Connect IT Mini and safeguards out-of-band access to isolated infrastructure. To secure your connections, built-in features include authenticated boot, encrypted data storage, access-controlled ports, and secure software updates.

Digi RM offers web-based device management for any Digi cellular routers, gateways or third-party devices with a single-pane-of-glass view to monitor and access Digi Connect IT console access servers and the critical IT assets to which they are connected.

## Key features, benefits and applications

- IoT router with LTE Cat-M/NB-IoT/2G for maximum coverage
- Out-of-band (OOB) management and recovery using secure SMS, advanced modem management software, and early detection and remediation of issues
- Operates independently from in-band network
- Identify any unusual activity or attempts to access the remote device, and send automated alerts via email or SMS to notify of any network issues
- 5 V power enables host USB to power unit and eliminate power supply
- Includes the **Digi 360** solution with warranty, customer care and **Digi Remote Manager** cloud management, enabling easy setup, mass configuration and management
- Value-added services include **Digi Containers** to enable powerful, cost-efficient applications

## Related Digi enterprise router solutions



Digi Connect IT 4

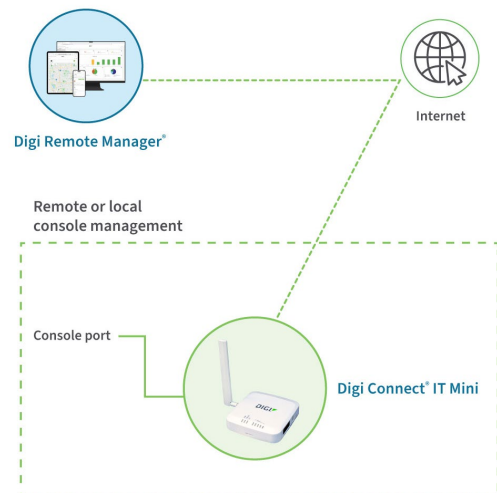


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Digi Remote Manager

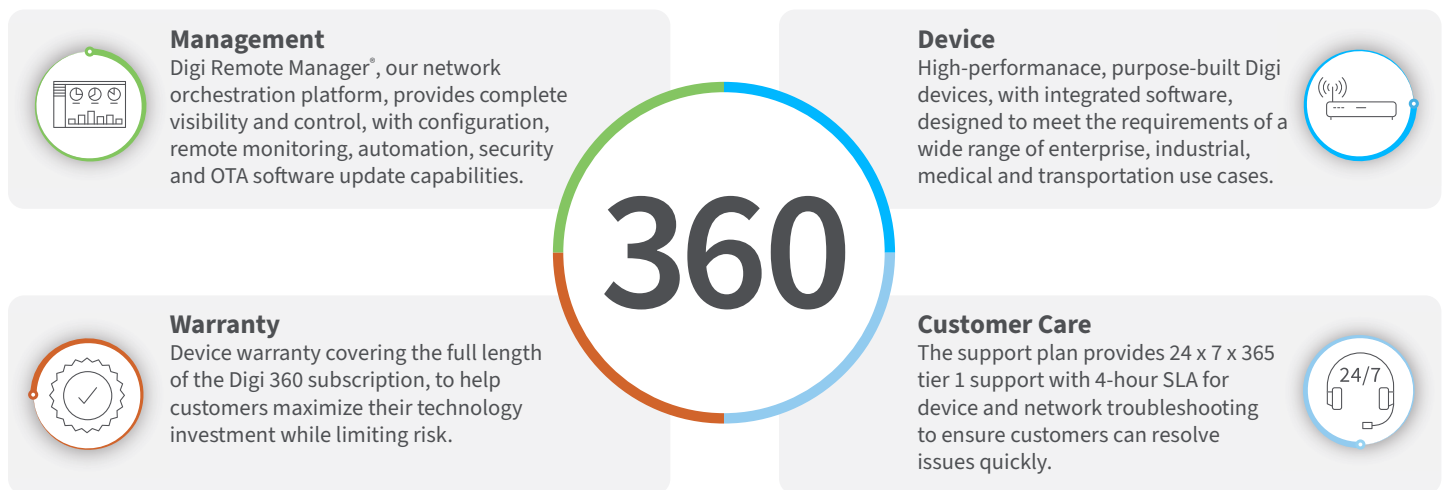
## Application example



## DIGI CONNECT IT MINI WITH DIGI 360

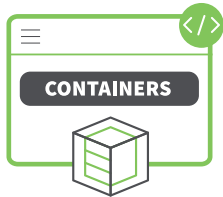
# Digi 360

**Digi 360** offers comprehensive IoT packaged solutions, including purpose-built devices, software and services to help customers optimize their IoT investments and maximize ROI. These solutions are designed to simplify IoT complexity, and ease the challenges enterprises face in configuring, deploying and managing their IoT initiatives. Your Digi 360 subscription is included with the purchase of **Digi Connect IT Mini**, complete with Digi Remote Manager, warranty and customer care. [Learn more at digi.com/digi360](https://www.digi.com/digi360).



## Value-Added Services

### Digi Containers



#### Digi Remote Manager enables deployment of custom applications via containers

**Digi Containers** simplify and centralize the process of building, deploying and running custom applications on devices managed with **Digi Remote Manager** as the central portal. Containers with custom programs or Python applications can be loaded via Digi RM on any device running the **Digi Accelerated Linux** operating system (DAL OS).

As an add-on service to Digi Remote Manager, Digi Containers are a powerful capability implemented via Lightweight Linux Containers (LXC). LXC tools enable developers to package up a custom application, with its dependencies and configuration, into a lightweight, portable bundle that shares only the running kernel with the host device.

## DIGI CONNECT IT MINI WITH DIGI 360

# Digi 360 Management and Security

## Digi Accelerated Linux (DAL OS)

**DAL OS** is Digi's standard operating system integrated into Digi **Enterprise (EX)**, **Industrial (IX)** and **Transportation (TX)** routers, **console servers** and **USB-connected devices**. Developed for speed and simplicity, DAL OS enables advanced capabilities that support today's demanding applications. [Learn more at digi.com/DAL](https://www.digi.com/DAL).

## Digi Remote Manager (Digi RM)

**Digi Remote Manager** is a proven technology platform that brings networks to the next level, empowering networks — and the people who manage them — to work smarter. Digi RM transforms a multitude of dispersed IoT devices into a dynamic, intelligent network. It's easy to deploy, monitor and diagnose thousands of mission-critical devices from a single point of command on a desktop, tablet or phone. All the while, software-defined security diligently safeguards your entire Digi ecosystem. [Learn more at digi.com/digi-remote-manager](https://www.digi.com/digi-remote-manager).

### Digi RM infrastructure and security

- Hosted in a commercial-grade cloud server environment that meets SOC 1<sup>°</sup>, SOC 2<sup>°</sup> and SOC 3<sup>°</sup> standards
- Superior availability, operating at 99.9% or greater uptime
- Open APIs are available to support application development
- Comprehensive security controls to protect your data
- Member of the Center for Internet Security<sup>®</sup> (CIS<sup>®</sup>)
- Enables compliance with security frameworks like ISO27002, HIPAA, NIST and more
- Earned Skyhigh's CloudTrust™ Program highest rating of Enterprise-Ready

## Digi TrustFence

The Digi TrustFence device security framework simplifies the process of securing multiple connected devices.



Designed for mission-critical applications, **Digi TrustFence** enables users to easily integrate device security, device identity, and data privacy capabilities into product design.

Digi TrustFence security for IoT devices is designed to grow and adapt with new and evolving threats.

[Learn more at digi.com/trustfence](https://www.digi.com/trustfence).



## DAL OS and Digi RM capabilities

- **DAL OS with Digi Remote Manager:** Remote console access, configuration templates, HTTP proxy, device event logs, configurable maintenance window
- **Serial:** Modbus, serial-over-TCP/UDP
- **Customization:** Python 3, Python pip, PyCharm integration, shell scripting, containers, MQTT client
- **Troubleshooting:** iPerf and nttcp bandwidth testing, Find Me tool
- **GNSS:** NMEA/TAIP location forwarding to servers, geo-fencing
- Activate, monitor and diagnose your mission-critical devices through a single portal
- 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
- Monitor equipment health and connectivity across deployments
- Create detailed reports and 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

## Built-in Security. Delivered.

- **Secure boot:** Programs and code running on the device are validated to be from an approved source or manufacturer
- **Protected hardware ports:** Internal and external I/O ports are hardened and access-controlled to prevent unwanted intrusion
- **Authentication:** Data authentication and device identity management options, with updated user and password settings
- **Secure connections:** Latest encryption protocols for data in motion and over-the-air (OTA) transmissions to ensure integrity
- **Ongoing monitoring and support:** Ongoing threat measurement and monitoring services, with external security audits

## DIGI CONNECT IT MINI WITH DIGI 360

# Specifications



Manage and configure Digi Connect IT Mini with Digi Remote Manager

SPECIFICATIONS	DIGI CONNECT IT MINI WITH DIGI 360*
<b>CELLULAR CONNECTIVITY**</b>	
CELLULAR	LTE Cat-M/NB-IoT/2G; LTE bands B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B26, B28; 2G bands: B2, B3, B5, B8
MODULE SUPPORT	Global LTE Cat-M/NB-IoT/2G
<b>SOFTWARE AND MANAGEMENT*</b>	
REMOTE MANAGEMENT	<a href="#">Digi Remote Manager</a> (cloud based)
LOCAL MANAGEMENT	Web Interface (HTTP/HTTPS); CLI (console, SSH)
<b>NETWORK</b>	
ETHERNET	RJ-45; 10/100 Mbps (auto-sensing)
<b>CONNECTORS</b>	
SERIAL / USB	Serial port RJ-45 RS-232 and USB 2.0 host port
<b>PHYSICAL</b>	
DIMENSIONS	127 mm x 127 mm x 25 mm (5.0 in x 5.0 in x 1.0 in)
WEIGHT	0.37 kg (13 oz)
STATUS LEDS	Power, online, LTE, (5) signal strength
<b>POWER REQUIREMENTS</b>	
POWER INPUT	5.0 VDC, 1 A; 100-240 VAC
<b>ENVIRONMENTAL</b>	
OPERATING TEMPERATURE	0 °C to 40 °C (32 °F to 104 °F)
RELATIVE HUMIDITY	5% to 95% (non-condensing)
<b>APPROVALS**</b>	
CELLULAR	Visit <a href="http://digi.com/resources/certifications">digi.com/resources/certifications</a> for latest certifications and updates
SAFETY, ENVIRONMENTAL, EMISSIONS / IMMUNITY	FCC Part 15, Subpart B, Class A; CE, RCM; CAN ICES03(B)/NMB-3(B)
<b>WARRANTY***</b>	
PRODUCT WARRANTY	3-year

\*Includes the **Digi 360** solution for **Digi Connect IT Mini** (1-year) with **Digi Remote Manager**, **warranty** and **customer care**.

\*\*Visit [digi.com/resources/certifications](http://digi.com/resources/certifications) for latest approvals and updates.

ENTERPRISE SOFTWARE	DESCRIPTION
PROTOCOL SUPPORT	HTTP, HTTPS, FTP, SFTP, SSL, SNMP v3, SSH and CLI for web management; remote management via <b>Digi Remote Manager</b> ; SMS management
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; PPTP, L2TP; no limit VPN tunnels; Cryptology: SHA-1, SHA-2, MD5, RSA; Encryption: DES, 3DES and AES up to 256-bit (CBC mode for IPSec); Authentication: RADIUS, TACACS+, MAC address filtering; VLAN support
ROUTING / FAILOVER	IP pass-through; NAT, NAPT with IP port forwarding; Ethernet bridging; GRE; Multicast routing; Routing protocols: PPP, OSPF, BGP, RSTP (Rapid Spanning Tree Protocol); IP failover: VRRP, automatic failover/failback to secondary connection
OTHER PROTOCOLS	QoS via TOS/DSCP/WRED; UDP/TCP to serial

\*For a comprehensive list of operating system features, please visit [digi.com/solutions/by-technology/dal-operating-system/features](http://digi.com/solutions/by-technology/dal-operating-system/features).

DIGI CONNECT IT MINI WITH DIGI 360

# Product Photos

## Digi Connect IT Mini Photos



Digi Connect IT Mini— left



Digi Connect IT Mini— right



## DIGI CONNECT IT MINI WITH DIGI 360

# Part Numbers

### PART NUMBERS

### DIGI CONNECT IT MINI WITH DIGI 360\*

IT01-M100-GLB

Digi Connect IT Mini remote console access server

\*Includes [Digi 360](#) solution for [Digi Connect IT Mini](#) (1-year) with [Digi Remote Manager](#), [warranty](#) and [customer care](#).

### PART NUMBERS

### AVAILABLE ACCESSORIES\*\*\*

170012

(1) Cellular antenna (black) for use with Digi products that have LTE modems - replacement

76000670

Digi DB-25 male modem adapter (8-pack)

76000671

Digi DB-9 female console adapter (8-pack)

76000672

Digi DB-25 male console adapter (8-pack)

76000673

Digi DB-25 female console adapter (8-pack)

76000702

Digi DB-9 male modem adapter (8-pack)

\*\*\*Sold separately, unless otherwise noted.

### PART NUMBERS

### DIGI 360 EXTENSIONS AND RENEWALS

DIGI360-EX50-EXT-2YR

Digi 360 extension for two additional years for Digi EX50

DIGI360-EX50-EXT-4YR

Digi 360 extension for four additional years for Digi EX50

DIGI360-EX50-REN-1YR

Digi 360 renewal for one additional year for Digi EX50

DIGI360-EX50-REN-3YR

Digi 360 renewal for three additional years for Digi EX50

DIGI360-EX50-REN-5YR

Digi 360 renewal for five additional years for Digi EX50

### PART NUMBERS

### VALUE-ADDED SERVICES

DIGI-RM-PRM-CS

Digi Containers subscription — 1-year subscription

For more information, please visit [digi.com](https://digi.com).



For more information about Digi Connect IT Mini, visit [digi.com/connect-it-mini](https://digi.com/connect-it-mini).

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