DIGI CONNECT EZ MINI/2/4

Click-to-connect | Modern, secure serial connectivity that boots in seconds, configures in minutes and runs for years

Most companies are not replacing their equipment — they are updating the way they talk to it. **Digi Connect EZ**® modernizes operational infrastructure with expanded network connectivity and functionality for today's applications. It is designed to meet the demands of a wide range of critical serial applications including connecting to automation, robotics control, centralized device management, data acquisition and point-of-sale equipment.

Digi Connect EZ is a click-to-connect solution with 1, 2, 4, 8, 16 or 32 serial ports. Digi Connect EZ Mini, 2 and 4 are available with software-selectable for RS-232/422/485 communication, as well as optional LTE, Wi-Fi and industrial specifications (C1D2). It takes only a few minutes to configure with intelligent, use case-based options so that you can quickly install without having to modify your equipment or applications.

Digi simplifies key security requirements for critical infrastructure and distributed systems with enhanced access control, management and configuration capabilities. Digi Connect EZ and built-in **Digi TrustFence**® give your security and operations teams peace of mind against evolving security threats with encrypted connections, centralized authentication, VPN support and scalable security updates.

Digi Connect EZ supports the widest range of industry standard and device-specific protocols using serial tunneling, TCP/UDP connections or Digi's patented RealPort® COM port redirector for remote native COM port access. A built-in Python environment enables application development and customization at the device level, including event-based programmability, data conversion and full control of device connections.

Key features, benefits and applications

- 1, 2 or 4 software-selectable RS-232/422/485 serial ports to connect a wide variety of serial equipment over IP networks
- 10/100/1000 Ethernet (dual Ethernet on 2- and 4-port), with optional Wi-Fi, industrial temp, C1D2 rating and LTE
- Ideal for applications requiring COM ports, serial tunneling or TCP/UDP sockets
- Optimizes performance for the widest range of industry standard and device-specific protocols
- Built-in **Digi TrustFence**® for device security, secure encrypted connections, ongoing monitoring and support
- Easy setup and mass configuration with **Digi Navigator**™ and **Digi Remote Manager**®
- 1-year **LifeCycle Assurance** with 24x7 Expert Support and Digi Remote Manager Premier included
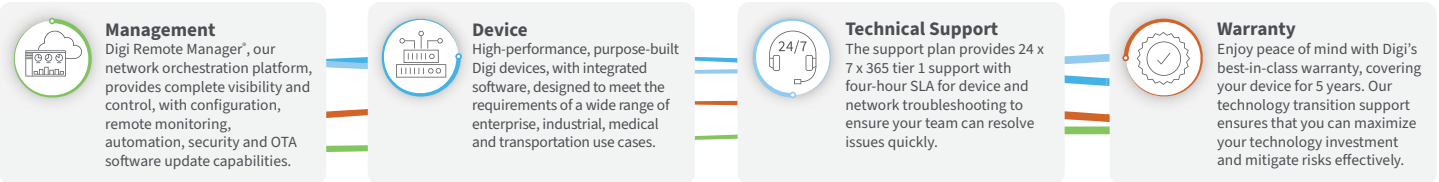
Application example
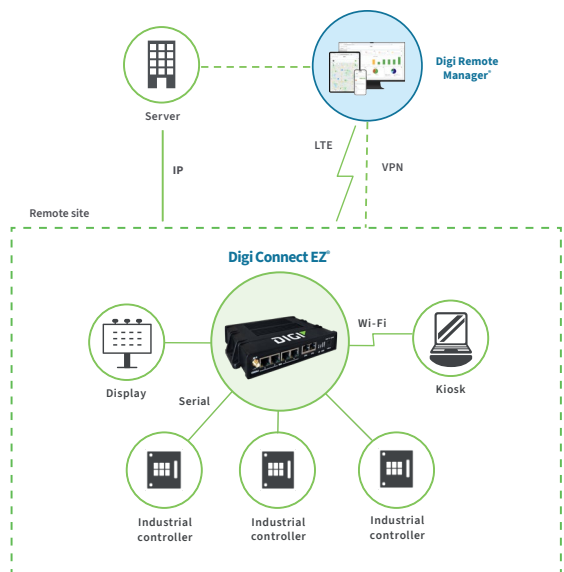
Related Digi devices and software

ConnectPort® TS

ConnectPort® LTS
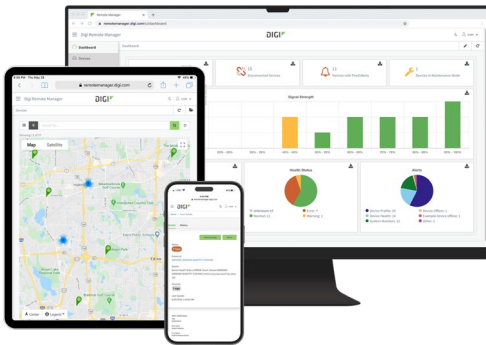
RealPort®

Digi Remote Manager®
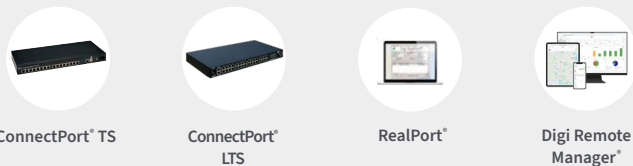
Digi LifeCycle Assurance

Digi LifeCycle Assurance provides an enhanced level of service and support on new deployments of Digi AnywhereUSB® Plus, Digi Connect® EZ, and Digi Connect® IT 16/48 to provide security, reliability and speed, as well as ongoing device management.

Management
Digi Remote Manager®, our network orchestration platform, provides complete visibility and control, with configuration, remote monitoring, automation, security and OTA software update capabilities.

Device
High-performance, purpose-built Digi devices, with integrated software, designed to meet the requirements of a wide range of enterprise, industrial, medical and transportation use cases.

Technical Support
The support plan provides 24 x 7 x 365 tier 1 support with four-hour SLA for device and network troubleshooting to ensure your team can resolve issues quickly.

Warranty
Enjoy peace of mind with Digi's best-in-class warranty, covering your device for 5 years. Our technology transition support ensures that you can maximize your technology investment and mitigate risks effectively.

Digi Remote Manager

Digi Remote Manager (Digi RM) is a proven technology platform that brings networks to the next level, allowing 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.

Digi RM Capabilities

- 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 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

Digi RM Infrastructure and security

- Hosted in a commercial-grade cloud server environment that meets SOC 1®, SOC 2® and SOC 3® standards
- Superior availability, operating at 99.9% or greater uptime
- Open APIs available to support application development
- Comprehensive 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

Digi Navigator

Digi Navigator gives users the ability to discover and configure Digi Connect EZ in minutes. The tool is what makes Digi Connect EZ easy. It allows you to spend your time where it matters most by taking away the hassle of finding devices on a network, configuring the IP address, defining serial ports and connected devices, setting up Digi RealPort and managing passwords.

Digi Navigator Features

– Find and connect to devices on a LAN

– Guide IP address configuration

– Configure Digi Connect EZ for use with Digi RealPort

– Quickly define serial ports and devices associated with ports

– Access the Digi Connect EZ web and command line interface

– Manage passwords easily

Digi RealPort

Digi's patented RealPort software provides serial connectivity over IP networks, no matter where the devices reside.

Digi RealPort is unique among COM port redirectors. It is the only implementation that allows multiple connections to multiple ports over a single TCP/IP connection instead of a separate TCP/IP connection for each serial port. This helps manage network traffic and reduce congestion.

Digi RealPort is installed on the application host; whether it be local, remote, physical, virtual or in the cloud. This allows applications to communicate with devices across a network as if the devices were directly attached to the computer, allowing device connectivity from anywhere on your network.

RealPort also provides end-to-end encryption and full hardware flow control, as well as optimizations for packetization, latency and throughput.
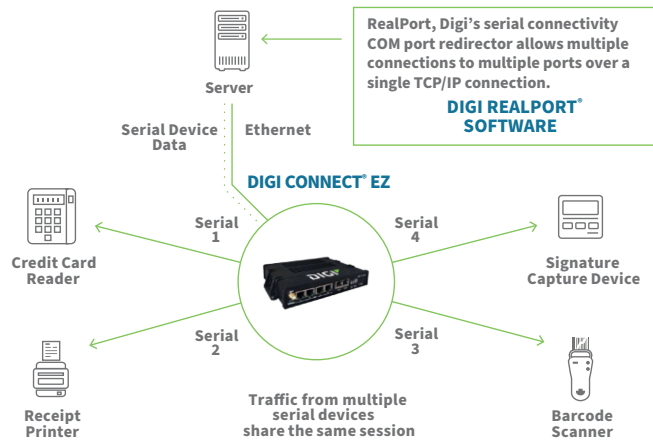
Digi TrustFence

Digi TrustFence is a device security framework that simplifies the process of securing connected devices.

Built-In Security. Delivered.

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**.

Digi TrustFence Features

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 local intrusion.

Authentication

– Provides data authentication and device identity management options and ensures that products are not shipped with default user and password settings.

Secure Connections

– These connections utilize the latest encryption protocols for data in motion and over-the-air (OTA) transmissions to ensure the integrity of data flowing across a network.

Ongoing Monitoring and Support

– Provides ongoing threat measurement and monitoring services and performs external security audits.

Product Images

Digi Connect EZ 4

134 mm

35 mm

192 mm
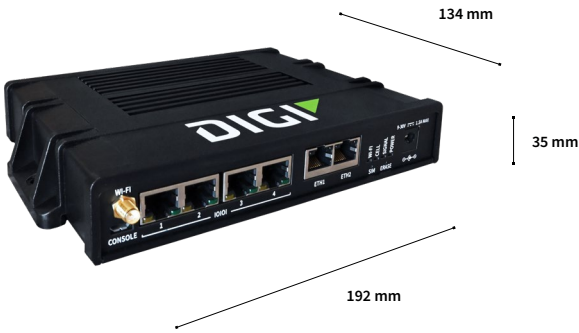
Digi Connect EZ 4 — front

Digi Connect EZ 4i — front

Digi Connect EZ 4 / 4i — back

Digi Connect EZ 2

134 mm

35 mm

192 mm
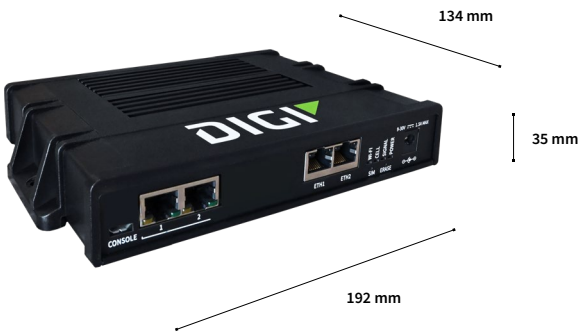
Digi Connect EZ 2 — front

Digi Connect EZ 2 — back

Digi Connect EZ Mini

137 mm

30 mm

95 mm

Digi Connect EZ Mini — front

Digi Connect EZ Mini — back

SPECIFICATIONS	DIGI CONNECT EZ	EZ Mini	EZ 2	EZ 4	EZ 4i
SOFTWARE AND MANAGEMENT					
REMOTE MANAGEMENT	Digi Remote Manager, SNMP v3 (user installed/managed)	✓	✓	✓	✓
LOCAL MANAGEMENT	Digi Navigator discovery and configuration tool, Web UI (HTTP/HTTPS), CLI (Telnet, SSH)	✓	✓	✓	✓
MANAGEMENT / TROUBLESHOOTING TOOLS	Digi Navigator discovery and configuration tool, FTP client, SCP, protocol analyzer with PCAP for Wireshark, event logging with syslog and SMTP client, NTP/SNTP, Nagios, Intelliflow, iPerf, Dynamic DNS, ping, traceroute	✓	✓	✓	✓
MEMORY		256 MB RAM, 4 GB Flash			
SECURITY					
AUTHENTICATION	TACACS+, LDAP, Enterprise RADIUS	✓	✓	✓	✓
ETHERNET					
PORTS	RJ-45, 10/100/1000 Mbps (auto-sensing)	1-port	2-port	2-port	2-port
SERIAL SIGNAL CAPABILITIES					
PORTS	RS-232 DTE/RS-422/RS-485 capable, software selectable	(1) DB9	(2) RJ45-10	(4) RJ45-10	(4) RJ45-10
RS-232 / EIA-232 SERIAL MODES	Signal support TXD, RXD, RTS, CTS, DTR, DSR, DCD, RI flow control options: XON/OFF, CTS/RTS, RTS-toggle	✓	✓	✓	✓
RS-422 / EIA 422 SERIAL MODES	TX+/-, RX+/-, software termination, pre-delay/post-delay	✓	✓	✓	✓
RS-485 / EIA 485 SERIAL MODES	Data+/Data-, software termination, pre-delay/post-delay	✓	✓	✓	✓
CELLULAR					
CERTIFICATIONS	Visit digi.com/resources/certifications for latest certifications				
LTE (G4) WITH DIGI CORE® PLUG-IN LTE MODEM 1002-CMG4	LTE Cat 4: B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B38, B40, B41; 3G: B1, B2, B4, B5, B6, B8, B19		When used with Digi CORE plug-in LTE modem		
	2G EDGE / GPRS: 850 / 900 / 1800 / 1900 MHz				
CONNECTORS	(2) 50 Ω SMA (center pin: female)				
SIM SLOTS	(2) Mini-SIM (2FF)				
SIM SECURITY	Secured in cellular module				
WI-FI					
MODULE	1 x 1 SISO dual-band 802.11a/b/g/n/ac (2.4 GHz / 5 GHz)			✓	✓
MODES	Client mode and access point mode simultaneously			✓	✓
CLIENTS	Maximum 10 clients (access point mode: regardless of combination of clients and access points)			✓	✓
ACCESS POINTS	Maximum 2 access points (access point mode: regardless of combination of clients and access points)			✓	✓
SECURITY	WPA-3/WPA-2 personal, WPA/WPA-2 enterprise			✓	✓
CONNECTORS	(1) 50 Ω SMA (center pin: male)			✓	✓
PHYSICAL					
DIMENSIONS (L x W x H)		13.7 x 9.5 x 3 cm (5.39 x 3.74 x 1.18 in)	19.2 x 13.4 x 3.5 cm (7.56 x 5.28 x 1.38 in)		
PACKAGE DIMENSIONS		21.4 x 18.4 x 6.5 cm (8.43 x 7.24 x 2.56 in)	35.5 x 20.4 x 6.7 cm (13.98 x 8.03 x 2.64 in)		
PACKAGE WEIGHT		0.6 kg (1.32 lb)	1.3 kg (2.87 lb)		
STATUS LEDs	Each Ethernet and serial port has two status LEDs	Power, serial	Power, signal, LTE, Ethernet, serial	Power, signal, LTE, Wi-Fi, Ethernet, serial	

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SPECIFICATIONS	DIGI CONNECT EZ	EZ Mini	EZ 2	EZ 4	EZ 4i
POWER REQUIREMENTS					
POWER INPUT	Locking barrel: 9 to 30 VDC, locking 2.1 mm center barrel connector	✓	✓	✓	-
	Phoenix connector: 9 to 30 VDC, Connector: 2-position rewireable plug with securing screws included				✓
POWER CONSUMPTION		9 V at 1 A max, typical 1.7 W	9 V at 1.5 A max, 5 W typical with Digi CORE modem, 4.5 W typical without Digi CORE modem		
ENVIRONMENTAL					
OPERATING TEMPERATURE	Standard operating temperature of Connect EZ device	0 to 40 °C (32 to 104 °F)	0 to 40 C (32 to 104 °F)	0 to 40° C (32 to 104°F)	-35 to 74 °C (-31 to 165 °F)
	With Digi CORE plug-in LTE modem	-	0 to 40 °C (32 to 104 °F)	0 to 40° C (32 to 104°F)	-35 to 70 °C (-31 to 158 °F)
RELATIVE HUMIDITY	5% to 95% (non-condensing)	✓	✓	✓	✓
APPROVALS*					
CELLULAR	Visit digi.com/resources/certifications for latest cellular certifications				
SAFETY	IEC62368-1, IEC60950-1, CB, EN62311, UL62368-1, UL60950-1	✓	✓	✓	✓
INDUSTRIAL CERTIFICATION	Class 1, Division 2	-	-	-	✓
SHOCK / VIBRATION	IEC 60068-2-64 and 60068-2-27				✓
ENVIRONMENTAL	RoHS3	✓	✓	✓	✓
EMISSIONS / IMMUNITY	CE; RED; FCC Part 15, Subpart B; ICES-003; AU/NZS CISPR32	✓	✓	✓	✓
WARRANTY					
PRODUCT WARRANTY	5-year for base Connect EZ device, 3-year for Digi CORE plug-in LTE modem				
TECHNICAL SUPPORT	1-year LifeCycle Assurance with 24x7 Expert Support included				

*Visit digi.com/resources/certifications for latest certifications and updates.

ENTERPRISE SOFTWARE	DESCRIPTION
NETWORK PROTOCOL SUPPORT	HTTPS, FTP client, SSL, TLS v1.2, SCP (client and server), SFTP, SMTP client for use by scripts and the command line, SNMP (v2/v3), SSH, remote management via Digi Remote Manager; Protocol analyzer, ability to capture PCAP for use with Wireshark; DynDNS,Dynamic DNS client compatible with BIND9/No-IP/DynDNS; Captive portal, Intelliflow; Nagios, DNS server, NTP server, Multicast, mDNS, IPerf
SERIAL AND DATA PROTOCOL SUPPORT	RealPort, Socket and Autoconnect Socket Connectivity for TCP and Encrypted TCP, SSH, Telnet, UDP, Modbus, Pyserial support via built-in Python interpreter
SECURITY	IP filtering, stateful firewall, custom firewall rules (iptables), address and port translation; TLS 1.2 and above, FIPS 197, open VPN client and server; VPN tunnels; Authentication: RADIUS, TACACS+; certificates; MAC address filtering; VLAN support
VPN	IPsec with IKEv1, IKEv2, NAT Traversal; OpenVPN client and server; GRE VPN tunnels; Cryptology: SHA-1/256/384/512, MDS, RSA; Encryption: 3DES and AES up to 256-bit (CBC mode for IPsec); Diffie Hellman: DH groups 1-32 (CURVE448)
ROUTING/FAILOVER	IP pass-through; NAT, NAPT with IP port forwarding; Ethernet bridging; GRE; Multicast routing; Routing protocols: RIP (v1, v2) OSPF, BGP, IP failover: VRRP; automatic failover; Digi SureLink®
OTHER PROTOCOLS	DHCP; dynamic DNS client compatible with No-IP/DynDNS

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PART NUMBERS	DIGI CONNECT EZ MINI/2/4
EZ01-MA00-GLB	Digi Connect EZ Mini — serial server, 1-port, with accessories
EZ02-CA00-GLB	Digi Connect EZ 2 — serial server, 2-port with accessories
EZ02-CAG4-GLB	Digi Connect EZ 2 — serial server, 2-port, with LTE and accessories
EZ04-WA00-GLB	Digi Connect EZ 4 — serial server, 4-port, with Wi-Fi and accessories
EZ04-WAG4-GLB	Digi Connect EZ 4 — serial server, 4-port, with LTE, Wi-Fi and accessories
EZ04-IA00-EXT	Digi Connect EZ 4i — serial server, 4-port, industrial-rated, with Wi-Fi and accessories
EZ04-IAG4-EXT	Digi Connect EZ 4i — serial server, 4-port, industrial-rated, with LTE, Wi-Fi and accessories

PART NUMBERS	ACCESSORIES
1002-CMG4-GLB	Digi CORE plug-in LTE modem — global LTE Cat 4, 3G/2G fallback
76000926	Antenna — 3G/4G, multiband 699-2690 MHz, swivel
76002118	Antenna — dipole, 4G, magnetic mount, 1 meter cable
29000938	Antenna — whip 2.4 and 5 GHz dipole 5 dBi
24000136	Power Supply — 12 VDC 3 A wall plug, locking barrel, with tips for US, UK, EU and AU (EZ 2 and EZ 4)
76000823	Power supply — 12 VDC 1.5 A wall plug, locking barrel, with tips for US, UK, EU and AU (EZ Mini)
76002079	Power supply — 12 VDC 2.5 A wall plug, with tips for US, UK, EU and AU, extended temp (EZ 4i)
76002093	DIN rail mounting bracket
76002095	DIN rail clip, 44 mm wide, with screws

PART NUMBERS	SERIAL CABLES AND ADAPTERS
CABLE ADAPTERS	
76000697	DB-9F console adapter, quantity 4
76000698	DB-25M console adapter, quantity 4
76000699	DB-25F console adapter, quantity 4
76000700	DB-25M modem adapter, quantity 4
76000701	DB-9M modem adapter, quantity 4
CABLES	
76000195	RJ-45 to DB-25 male straight, 4 feet
76000199	RJ-45 to DB-25 female straight, 4 feet
76000201	RJ-45 to DB-9 female straight, 4 feet
76000238	RJ-45 to DB-25 male crossover, 4 feet
76000240	RJ-45 to DB-9 male straight, 4 feet
76000264	RJ-45 to DB-9 male crossover, 4 feet
76000631	RJ-45 to RJ-45 for Sun Netra/Cisco, 6 feet
76000645	RJ-45 to DB-9 female crossover, 4 feet
SPECIALTY CABLES	
76000723	Connects screw terminal EIA 422/485 devices to Digi MEI products that have 10-pin RJ-45 connectors

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DIGI CONNECT EZ MINI/2/4 — INCLUDED ACCESSORIES MATRIX

		Connect EZ Mini	Connect EZ 2		Connect EZ 4		Connect EZ 4i	
Part number		EZ01-MA00-GLB	EZ02-CA00-GLB	EZ02-CAG4-GLB	EZ04-WA00-GLB	EZ04-WAG4-GLB	EZ04-IA00-EXT	EZ04-IAG4-EXT
LTE modem	1002-CMG4-GLB			Included		Included		Included
Antenna - 3G / 4G	76000926			Included (2)				
Antenna - dipole, 4G	76002118					Included (2)		Included (2)
Antenna - 2.4 and 5 GHz	29000938				Included	Included	Included	Included
Power supply - 12 V, 3 A	24000136		Included	Included	Included	Included		
Power supply - 12 V, 1.5 A	76000823	Included						
Power supply - 12 V, 2.5 A	76002079						Included	Included
DIN rail bracket	76002093	Separate	Separate	Separate	Separate	Separate	Separate	Separate
DIN rail clip	76002095	Included	Included	Included	Included	Included	Included	Included

PART NUMBERS	DIGI REMOTE MANAGER
DIGI-RM-PRM-1YR	Digi Remote Manager Premier — 1-year subscriptionv
DIGI-RM-PRM-3YR	Digi Remote Manager Premier — 3-year subscription
DIGI-RM-PRM-5YR	Digi Remote Manager Premier — 5-year subscription

PART NUMBERS	EXPERT SUPPORT
DG-EXPE-24	Expert 24x7 Support for end users

LifeCycle Assurance

1-year **LifeCycle Assurance** with 24x7 Expert Support and Digi Remote Manager Premier included with Digi Connect EZ models.

For more information, please visit digi.com.

For more information about Digi Connect EZ, visit **digi.com/connect-ez**.

877-912-3444 | 952-912-3444

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