



Digi IX25

Rugged, secure 5G edge computing cellular platform, purpose-built for industrial, enterprise and mission-critical connectivity and applications

Digi IX25 is a rugged edge computing cellular platform with integrated **Digi Remote Manager**[®], purpose-built for industrial and enterprise applications. The IX25 family includes LTE, 5G RedCap, and 5G eMBB variants, each built with trusted Western cellular modules and manufactured in TAA-compliant facilities. It delivers secure, high-performance connectivity and enables rapid processing, analysis, and integration of distributed asset data.

Seamlessly connect multiple machines, whether wired or wireless, in the most demanding environments — enabling integration of OT and IT to streamline operations and scale infrastructure. With its all-in-one design, Digi IX25 lowers total cost of ownership, reduces complexity, and ensures reliability for a range of applications including industrial, utilities, oil and gas, and enterprise, including SCADA, telemetry, predictive maintenance, machine control, branch failover, unattended retail, ATMs, kiosks, lottery terminals and digital signage.

With four Gigabit Ethernet ports, dual SIM/**Digi eSIM** with eUICC, serial, GNSS and optional Wi-Fi 6E, Digi IX25 provides flexible, secure deployment options for edge connectivity. Integrated edge computing and **Digi Containers** enable rapid deployment of custom applications and analytics directly on the device, reducing latency and cloud dependency. Together with SOC 2[®] Type 2-certified **Digi Remote Manager**, the cloud-based command center for centralized configuration, monitoring and security management, IX25 simplifies large-scale deployments while ensuring enterprise-class reliability.

Digi IX25 also supports **Anterix**, **CBRS**, private 5G networking and **FirstNet**[®] for critical infrastructure and emergency response, offering resilient connectivity for smart grid, utilities and public safety applications. With its single-platform design, industrial-grade enclosure and software-defined flexibility, Digi IX25 delivers the reliability, security and performance needed to scale modern IoT and enterprise networks with confidence.

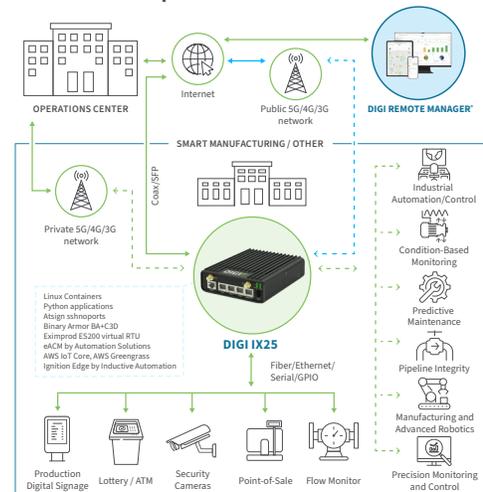
Key features, benefits and applications

- Global 5G and LTE connectivity supporting 5G RedCap, eMBB and LTE across public and private cellular networks
- **Digi Containers** to enable powerful, cost-efficient applications
- Integrated industrial edge computing for real-time data processing, automation and control
- **Anterix**, **FirstNet**[®], **CBRS** and private 5G networking support
- Four Gigabit Ethernet ports, serial, I/O and GNSS for flexible, high-performance integration
- Dual SIM/**Digi eSIM** with eUICC for carrier diversity, redundancy, global scalability and remote carrier switching
- Optional Wi-Fi 6E for local connectivity and failover support
- **Digi WAN Bonding** and **SureLink**[®] for WAN aggregation and resilient always-on connectivity
- Rugged, TAA-compliant construction with DIN-rail and shelf-mount options for industrial environments, C1D2 and ATEX rated
- **FIPS 140-2**-compliant security, VPN, firewall, logging and authentication—license-free enterprise software
- Includes the **Digi 360** solution with warranty, customer care and SOC 2 Type 2-certified **Digi Remote Manager** to streamline setup, deployment, mass configuration and lifecycle management

Related Digi IoT software and solutions



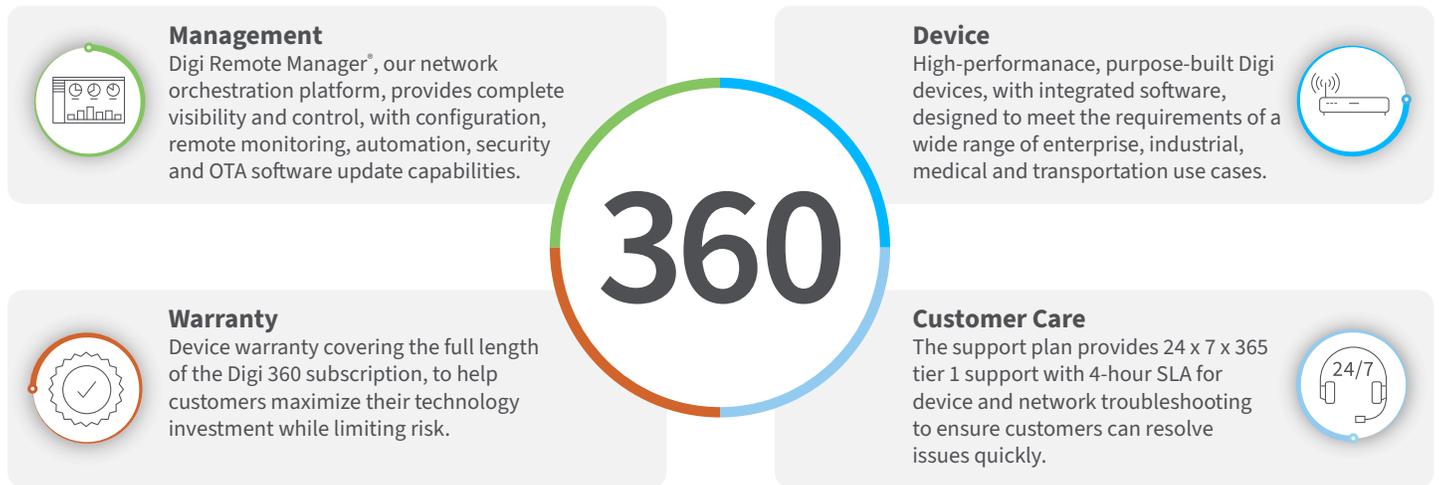
Application example



DIGI IX25 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 IX25**, complete with Digi Remote Manager, warranty and customer care. [Learn more at digi.com/digi360](http://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 WAN Bonding



Resilient connectivity and maximum performance across multiple connections

Digi WAN Bonding combines multiple connections into a seamless and resilient connectivity solution that ensures optimal performance and maximum uptime anywhere around the world.

Digi devices provide a range of connectivity options including cellular failover with features such as **Digi SureLink**, policy-based routing and interface bonding. These features are excellent at preventing any external network failures from causing downtime.

*Digi Containers and Digi WAN Bonding are available as value-added services with Digi Remote Manager.

DIGI IX25 WITH DIGI 360

Management and Security

Build. Deploy. Manage.

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://digi.com/digi-remote-manager).

Digi RM infrastructure and security

- Hosted in a commercial-grade cloud server environment that meets SOC 1°, SOC 2°, SOC 2° Type 2 and SOC 3° 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® (CIS®)
- Enables compliance with security frameworks like ISO27002, HIPAA, NIST and more
- Earned Skyhigh's CloudTrust™ Program highest rating of Enterprise-Ready

Digi Accelerated Linux (DAL OS)

DAL OS is Digi's standard operating system integrated across an entire range of 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://digi.com/DAL).

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. Together with SOC 2° Type 2-certified Digi Remote Manager, Digi TrustFence delivers unified, auditable security and compliance from device to cloud.

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



Data plans, Digi RM and DAL OS capabilities

- **Data plans:** Simple, cost-effective global cellular connectivity
- **DAL OS with SOC 2° Type 2-certified 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 nuttcp 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 device or group of devices, keeping 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 IX25 WITH DIGI 360 Specifications



Manage and configure Digi IX25
with Digi Remote Manager

SPECIFICATIONS		DIGI IX25 WITH DIGI 360*
WIRELESS INTERFACES		
CELLULAR / WWAN**		
IX25-5A-1G: 5G NSA, 5G SA***, 4G LTE-ADVANCED PRO CAT 19	5G NR bands: n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48 (CBRS), n66, n71, n75, n76, n77, n78, n79 (C-band), n106 (Anterix, planned) 4G LTE-Advanced Pro bands: B1, B2, B3, B4, B5, B7, B8, B12, B13, B14 (FirstNet®), B17, B20, B25, B26, B28, B29, B30, B32, B34, B38, b39, B40, B41, B42, B43, B48 (CBRS), B66, B71, B106 (Anterix)	
IX25-RA-1G, IX25-RA-0G: 5G NSA, 5G SA***, 4G LTE CAT 4	5G NR bands: n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n30, n38, n40, n41, n48 (CBRS), n66, n70, n71, n75, n77, n78, n79 (C-band), n106 (Anterix, planned) 4G LTE bands: B1, B2, B3, B4, B5, B7, B8, B12, B13, B14 (FirstNet®), B17, B20, B25, B26, B28, B29, B30, B32, B38, B40, B41, B42, B43, B46, B48 (CBRS), B66, B71, B106 (Anterix)	
IX25-4A-1G, IX25-4A-0G: 4G LTE CAT 4, 3G HSPA+	4G LTE bands: B1, B2, B3, B4, B5, B7, B8, B8_US (Anterix), B12, B13, B14 (FirstNet®), B18, B19, B20, B25, B26, B28 3G bands: B1, B2, B4, B5, B6, B8, B19 2G bands: B2, B3, B5, B8	
CONNECTORS	LTE and RedCap: (3) or (5) 50 Ω SMA (center pin: female); eMBB: (5) or (7) 50 Ω SMA (center pin: female)	
SIM SLOTS / ESIM SUPPORT	(2) SIM Nano-SIM (4FF) holders; eSIM with eUICC (SGP .32); Digi eSIM optional 2FF accessory for remote carrier switching	
SIM SECURITY	SIM slot cover plate included	
GNSS		
TECHNOLOGY	GNSS Gen 9 with band L1 LNA for passive antenna use	
ANTENNA	Upper L-band: GPS L1; Glonass G1; Beidou B1; Galileo E1 IX25 supports passive GNSS antennas rated at 1.5 – 3 dBi or active antennas with 7.5 – 26 dB gain (3.3 V feed)	
PROTOCOL	NMEA 4.11 and TAIP	
CONNECTOR	(2) 50 Ω SMA center pin: female	
WI-FI 6E		
TECHNOLOGY	Dual-band Wi-Fi 6E 802.11 a/b/g/n/ac/ax 2x2 MIMO for high-speed, reliable wireless connectivity (including bands 2400, 5000, 6000 MHz)	
CONNECTOR	(1) 50 Ω SMA, reverse polarity protection	
WIRED INTERFACES		
ETHERNET		
PORTS / CONNECTOR	(4) RJ-45; 10/100/1000 Mbps Base-T (auto-sensing); IEEE 802.3; configurable as WAN or LAN	
I/O		
PORTS / CONNECTOR	(2) Digital input/outputs	
SERIAL		
PORTS / CONNECTOR	(1) RJ-50 (RS-232/485, software-selectable)	
SOFTWARE AND MANAGEMENT*		
REMOTE MANAGEMENT	Digi Remote Manager (cloud based); SNMP v1/v2c/v3 (user installed/managed), SMS	
LOCAL MANAGEMENT	Web UI (HTTPS); CLI (SSH, serial)	
MANAGEMENT TOOLS	SFTP, SCP; protocol analyzer with PCAP for Wireshark; event logging with Syslog	
PROCESSOR		
APPLICATION PROCESSOR	1.2 GHz quad-core ARM® Cortex®-A53 processor	
PHYSICAL		
DIMENSIONS	146 mm x 118 mm x 38 mm (5.74 in x 4.64 in x 1.49 in)	
WEIGHT	TBD	
STATUS LEDS	Power, WWAN, Wi-Fi, GNSS, Ethernet (link, activity)	
ENCLOSURE / RATING	Glass-filled polyphenylene sulphide; IP30; private labeling options	

*Includes the Digi 360 solution for Digi IX25 (1-year) with Digi Remote Manager, warranty and customer care.

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

***Contact your network operator regarding 5G SA support on their network. Digi IX25-5A-1G supports up to 2xCC (2x 5G SA Carrier Components).

DIGI IX25 WITH DIGI 360

Specifications and Technologies



Manage and configure Digi IX25 with Digi Remote Manager

SPECIFICATIONS	DIGI IX25 WITH DIGI 360*
MEMORY	
RAM / FLASH	1 GB DDR / 8 GB eMMC
POWER REQUIREMENTS	
POWER INPUT	12 – 30 VDC, reverse polarity protection, passive Power over Ethernet (PoE)
POWER CONNECTOR	4-pin Molex connector or USB Type-C Power Delivery
POWER CONSUMPTION	IX25-5A-1G: TBD; IX25-RA-1G: TBD; IX25-RA-0G: TBD; IX25-4A-1G: TBD; IX25-4A-0G: TBD
ENVIRONMENTAL	
OPERATING TEMPERATURE	-40 °C to 75 °C (-40 °F to 167 °F); reduced cellular performance may occur above 70 °C (158 °F)
STORAGE TEMPERATURE	-45 °C to 85 °C (-49 °F to 185 °F)
RELATIVE HUMIDITY	0% to 95% (non-condensing) at 25 °C (77 °F)
APPROVALS**	
CELLULAR	PTCRB, AT&T, FirstNet Capable [®] , T-Mobile, Verizon, Anterix [™] Active
SAFETY / SECURITY	IEC 62368-1, CB scheme, FIPS 140-2
ENVIRONMENTAL	Hazardous location: ATEX Zone 2; C1D2 (UL 121201); MIL-STD-810H (high and low temperature, vibration, shock)
EMISSIONS / IMMUNITY	FCC Part 15 Subpart B, ISED, CE, RED, UKCA, RCM
WARRANTY***	
PRODUCT WARRANTY	1-year

* Includes the **Digi 360** solution for **Digi IX25** (1-year) with **Digi Remote Manager**, **warranty** and **customer care**.

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

***Product warranty can be extended with **Digi 360** extensions or renewals.

ENTERPRISE SOFTWARE	DESCRIPTION
PROTOCOL SUPPORT	HTTPS, TLS, SCP (client and server), SFTP, SNMP (v3), SSH, Telnet and CLI for web management; remote management via Digi Remote Manager ; protocol analyzer, ability to capture PCAP for use with Wireshark; DynDNS, Dynamic DNS client compatible with No-IP/DynDNS; Captive portal, Intelliflow; Nagios, DNS server, NTP server, Multicast, mDNS, iPerf
SECURITY / VPN	IP filtering, stateful inspection firewall with scripting, address and port translation; VPN: IPSec with IKEv1, IKEv2, NAT Traversal; SSLv3, FIPS 197, Open VPN client and server; L2TP; VPN tunnels; cryptology: SHA-1, MD5, RSA; encryption: DES, 3DES and AES up to 256-bit (CBC mode for IPSec); authentication: RADIUS, TACACS+, SCEP for X.509; certificates; content filtering (via 3rd party); MAC address filtering; VLAN support
ROUTING	IP pass-through; NAT, NAPT with IP port forwarding; Ethernet bridging; GRE; multicast routing; routing protocols: PPP, PPPoE, RIP (v1, v2) OSPF, BGP, iGMP routing (multicast); IP failover: VRRP, VRRP+TM; automatic failover/failback to second GSM network/standby APN; Digi SureLink
EMISSIONS / IMMUNITY	DHCP; Dynamic DNS client compatible with No-IP/DynDNS; QoS via TOS/DSCP; Modbus UDP/TCP to serial; Modbus bridging for connecting diverse field assets

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

Featured Technologies



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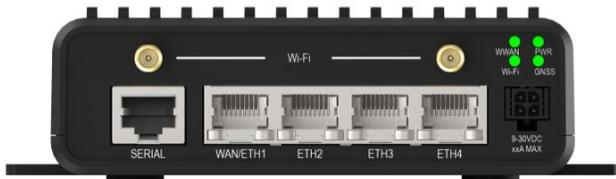
DIGI IX25 WITH DIGI 360

Product Photos

Digi IX25 Photos



Digi IX25 – front



Digi IX25 – back



DIGI IX25 WITH DIGI 360

Part Numbers

PART NUMBERS	DIGI IX25 WITH DIGI 360*
IX25-5A-1G	Digi IX25 — 5G eMBB with LTE Cat 19 fallback, edge computing, GNSS, WiFi 6e, eSIM, worldwide, Anterix, FirstNet Capable™, CBRS, quad Ethernet, RJ50 Serial RS-232/485, USB 2.0, GPIOs, DC power cable
IX25-RA-1G	Digi IX25 — 5G RedCap with LTE Cat 4 fallback, edge Computing, GNSS, WiFi 6e, eSIM, worldwide, Anterix, FirstNet Capable™, CBRS, quad Ethernet, RJ50 Serial RS-232/485, USB 2.0, GPIOs, DC power cable
IX25-RA-0G	Digi IX25 — 5G RedCap with LTE Cat 4 fallback, edge computing, GNSS, eSIM, worldwide, Anterix, FirstNet Capable™, CBRS, quad Ethernet, RJ50 Serial RS-232/485, USB 2.0, GPIOs, DC power cable
IX25-4A-1G	Digi IX25 — LTE Cat 4, edge computing, GNSS, WiFi 6e, eSIM, worldwide, Anterix, FirstNet Capable™, quad Ethernet, RJ50 Serial RS-232/485, USB 2.0, GPIOs, DC power cable
IX25-4A-0G	Digi IX25 — LTE Cat 4, edge computing, GNSS, eSIM, worldwide, Anterix, FirstNet Capable™, quad Ethernet, RJ50 Serial RS-232/485, USB 2.0, GPIOs, DC power cable

*Includes [Digi 360](#) solution for [Digi IX25](#) (1-year) with [Digi Remote Manager](#), [warranty](#) and [customer care](#).

PART NUMBERS	AVAILABLE ACCESSORIES**
76002161	Digi IX25 power supply
TBD	Digi IX25 power alert
76002131	Cellular antenna
TBD	Wi-Fi antenna
76000842	Active GNSS antenna
TBD	Magnetic mount
TBD	PoE injector
76000645	RJ50 to DB9 male adapter
TBD	DC power and GPIO cable
TBD	DIN rail mounting bracket kit
DG-ESIM-A	Digi eSIM — 2FF triple-cut layout accessory

**Sold separately, unless otherwise noted.

DIGI IX25 WITH DIGI 360

Part Numbers

PART NUMBERS	DIGI 360 EXTENSIONS AND RENEWALS
DIGI360-IX25-EXT-2YR	Digi 360 extension for two additional years for Digi IX25
DIGI360-IX25-EXT-4YR	Digi 360 extension for four additional years for Digi IX25
DIGI360-IX25-REN-1YR	Digi 360 renewal for one additional year for Digi IX25
DIGI360-IX25-REN-3YR	Digi 360 renewal for three additional years for Digi IX25
DIGI360-IX25-REN-5YR	Digi 360 renewal for five additional years for Digi IX25

PART NUMBERS	VALUE-ADDED SERVICES
DIGI-RM-PRM-CS	Digi Containers subscription — 1-year subscription
DIGI-SRV-WB-TIER1-1YR	Digi WAN Bonding subscription with 100 Mbps max throughput — 1-year subscription
DIGI-SRV-WB-TIER2-1YR	Digi WAN Bonding subscription with 200 Mbps max throughput — 1-year subscription
DIGI-SRV-WB-TIER3-1YR	Digi WAN Bonding subscription with 1 Gbps max throughput — 1-year subscription

The information provided in this document is preliminary and may be subject to change without notice.

For more information, please visit digi.com.



For more information about Digi IX25,
visit digi.com/ix25.

877-912-3444 | 952-912-3444

