



Digi IX25 5G

Rugged 5G cellular platform with edge computing, delivering secure, reliable connectivity for mission-critical industrial and enterprise applications

Digi IX25 is a rugged 5G cellular platform with integrated edge computing and **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, oil and gas, utilities and enterprise, including SCADA, telemetry, predictive maintenance, machine control, branch failover, unattended retail, ATMs, kiosks, lottery terminals and digital signage.

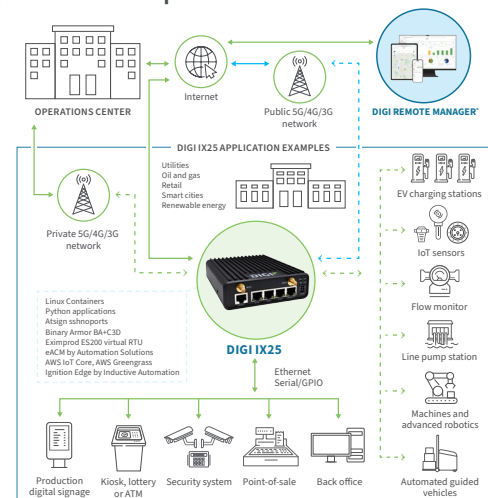
With four Gigabit Ethernet ports, dual SIM/**Digi eSIM** with eUICC, serial, GNSS and optional Wi-Fi 6E, Digi IX25 provides flexible, secure deployment options for edge connectivity. Integrated edge computing and **Digi Containers** enable rapid deployment of custom applications and analytics directly on the device, reducing latency and cloud dependency. Together with SOC 2® Type 2 compliant **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, 5G 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 140-3** security, VPN, firewall, logging and authentication — license-free enterprise software
- Includes the **Digi 360** solution with warranty, customer care and SOC 2 Type 2 **Digi Remote Manager** to streamline setup, deployment, mass configuration and lifecycle management

Application example



Related Digi IoT software and solutions



Digi IX40



Digi IX30



Digi IX10

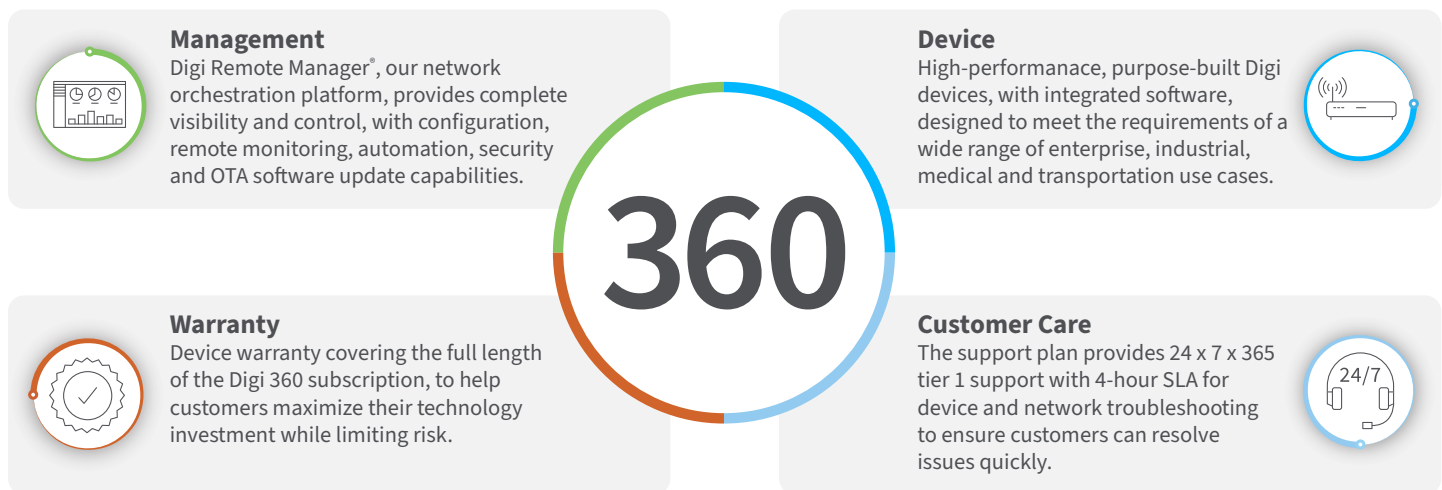


Digi Remote Manager

DIGI IX25 5G 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 SOC 2 Type 2 compliant 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 DRM 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 5G WITH DIGI 360

Management and Security

Build. Deploy. Manage.

Digi Remote Manager (DRM)

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.

DRM 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-attested 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, DRM and DAL OS capabilities

- **Data plans:** simple, cost-effective global cellular connectivity
- **DAL OS with SOC 2 Type 2-compliant Digi Remote Manager:** remote console access, configuration templates, HTTP proxy, device event logs, configurable maintenance window
- **Digi MCP Server:** make your Digi infrastructure AI-ready — instantly and securely, without added integration complexity
- **Serial:** Modbus, serial-over-TCP/UDP
- **Customization:** Python 3, Python pip, PyCharm integration, shell scripting, containers, MQTT client
- **Troubleshooting:** iPerf, Ookla Speedtest®, Find Me device discovery
- **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 5G WITH DIGI 360

Specifications



Manage and configure Digi IX25 5G
with Digi Remote Manager

Specifications		Digi IX25 with Digi 360*	
WIRELESS INTERFACES			
CELLULAR / WWAN**			
5G EMBB: IX25-5A-1G		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) 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)	
5G REDCAP: IX25-RA-1G, IX25-RA-0G		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) 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)	
LTE: IX25-4A-1G, IX25-4A-0G		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: (2) 50 Ω SMA (center pin: female); eMBB: (4) 50 Ω SMA (center pin: female)	
SIM SLOTS / ESIM SUPPORT		(2) SIM Nano-SIM (4FF) holders; soldered-on MFF2 Digi eSIM with eUICC (SGP .32) 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		(1) 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 2.4 GHz, 5 GHz and 6 GHz)	
CONNECTOR		(2) 50 Ω RP-SMA (male)	
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; SNMP v1/v2c/v3	
LOCAL MANAGEMENT		Web UI (HTTPS); CLI (SSH, serial)	
COMPUTE			
APPLICATION PROCESSOR		1.2 GHz quad-core ARM® Cortex®-A53 processor	
RAM / FLASH		1 GB DDR / 8 GB eMMC	

*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.

***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 5G WITH DIGI 360

Specifications and Technologies



Manage and configure Digi IX25 5G
with Digi Remote Manager

Specifications	Digi IX25 with Digi 360*
PHYSICAL	
DIMENSIONS	146 mm x 118 mm x 38 mm (5.74 in x 4.64 in x 1.49 in)
WEIGHT	590 g (1.3 lb)
STATUS LEDS	PWR, WWAN, Wi-Fi, GNSS, Ethernet (link, activity)
ENCLOSURE / RATING	ABS/PC blend; IP30; private labeling options
POWER REQUIREMENTS	
POWER INPUT	9 – 30 VDC, reverse polarity protection, 18 – 30 VDC passive Power over Ethernet (PoE), USB Type-C Power Delivery (PD)
POWER CONNECTOR	4-pin Molex connector or USB Type-C Power Delivery (PD)
POWER CONSUMPTION	Idle power: 2.3 W (197 mA at 12 VDC)** — serial enabled
ENVIRONMENTAL	
OPERATING TEMPERATURE	–40 °C to 75 °C (–40 °F to 167 °F); Wi-Fi disabled at 60 °C to 70 °C (140 °F to 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 140-3
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, ISSED, 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.

**Preliminary values. Measurements are subject to change pending final validation and may vary based on configuration and operating conditions.

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

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

For a comprehensive list of operating system features, please visit digi.com/solutions/by-technology/dal-operating-system/features.

Featured Technologies



*FirstNet® and the FirstNet logo are registered trademarks and service marks of the First Responder Network Authority. All other trademarks are the property of their respective owners.

DIGI IX25 5G WITH DIGI 360

Product Photos

Digi IX25 5G Product Photos

Digi IX25



Digi IX25 — front (1G models with Wi-Fi 6E)



Digi IX25 — front (0G models without Wi-Fi 6E)



Digi IX25 — back (5A models)



Digi IX25 — back (4A and RA models)



Digi IX25 — left



Digi IX25 — right



DIGI IX25 5G 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, Wi-Fi 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, Wi-Fi 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, Wi-Fi 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 — 18 VDC 1.66 A, wall mount, industrial temp (–40 °C to 70 °C), interchangeable plugtips for US, UK, EU, AU
76002178	Digi Power Alert accessory
76002131	Cellular antenna — 3G/4G/5G (multi-band 6 MHz – 6000 MHz), swivel, articulating, black
76002172	Wi-Fi antenna — tri-band, dipole, RP-SMA, black; frequency bands: 2400 MHz – 2500 MHz, 5150 MHz – 5850 MHz, 5925 MHz – 7125 MHz
76000842	Active GNSS antenna
76002175	Magnetic mount
76002176	Passive PoE injector — GbE, 4-pin Molex
76000645	RJ50 to DB9 male adapter
76002168	DC power and GPIO cable
76002177	DIN rail mounting bracket kit

**Sold separately, unless otherwise noted.

DIGI IX25 5G 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

For more information, please visit digi.com.



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

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