



DIGI CONNECT SENSOR+ WITH DIGI AXESS

Powered by Digi Axess: experience unrivaled reliability with Digi Connect Sensor+ and a toolset specially designed for remote monitoring

Digi Connect® Sensor+ with **Digi Axess** provides a specially crafted toolset for seamless remote monitoring. Take charge with centralized control, effortless configuration management and easy data visualization.

Reliably gather sensor data with Connect Sensor+ and Digi Axess: our battery-powered solution simplifies data collection from any location and enables analysis with the power of cloud technology.

Digi Axess offers a comprehensive solution for collecting and presenting data from your remote infrastructure and assets. Our advanced technology provides effortless access to your network, field data and related equipment.

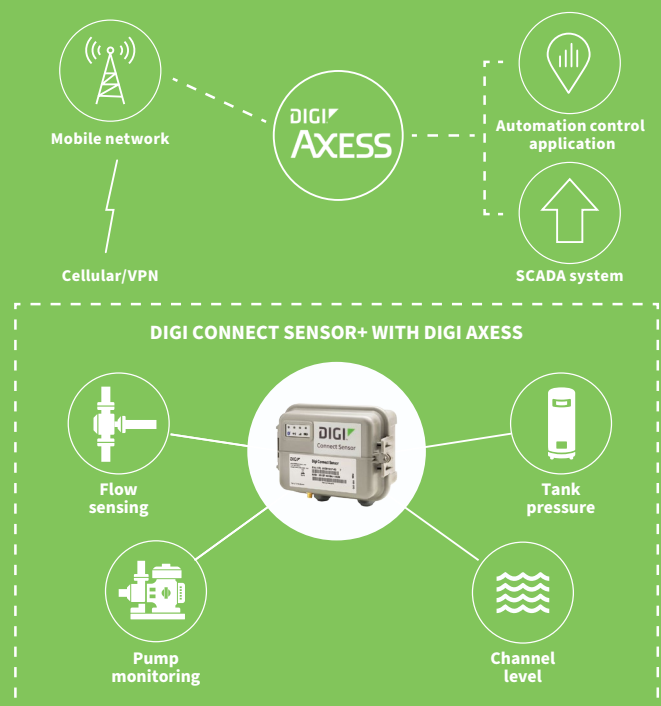
Connect Sensor+ goes wherever something flows, and Digi Axess uncovers actionable insights to maintain control of your assets. Fast and simple sensor configuration, data analytics, and the flexibility to customize reports and alerts can all be set up in minutes through our web-based system.

With Connect Sensor+, you can effortlessly configure sensors and gain valuable insights through our powerful analytics platform. Whether you're involved in water management, stormwater infrastructure, chemical tank telemetry, industrial gas distribution, mining, or environmental regulatory compliance, Connect Sensor+ is the ideal solution for your monitoring and control needs.

FEATURES

- Longer battery life with lightweight cloud connectors
- Device and sensor data hosted for the duration of your cloud license
- Rated for industrial environments with wide temperature range, IP66 enclosure and C1D2 certification
- Configurable read and report intervals with threshold and delta alarms
- Configurable I/O makes it possible to connect with multiple sensor types
- Modbus protocol support
- Configurable power outputs eliminate the need for sensor power supplies

APPLICATION EXAMPLE



Z45 Industrial Controller



Z45 Remote Management



Digi Axess



Z1201 I/O Module

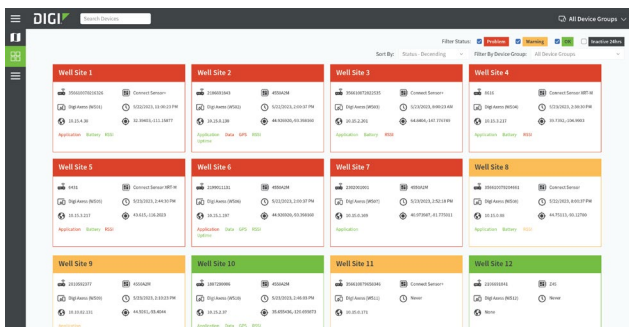


Data Plans

DIGI CONNECT SENSOR + WITH DIGI AXESS

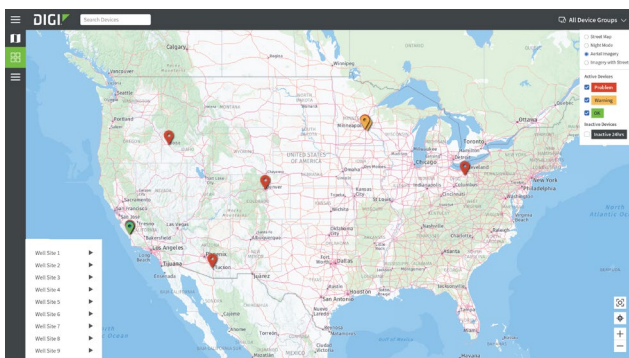


Digi Connect Sensor+ with **Digi Axess** is a battery-powered telemetry monitor with multiple inputs connecting to a wide range of sensors and a complete monitoring solution. Designed to work in rugged industrial environments, Digi Connect Sensor+ is the ideal solution for companies looking to add remote monitoring and diagnostics in places where power is not readily available.



View updated status of all assets and locations

Deploy Connect Sensor in minutes and start creating reliable data from remote infrastructure and assets, making monitoring possible in places that were previously cost prohibitive.



View and filter assets using detailed map and aerial views

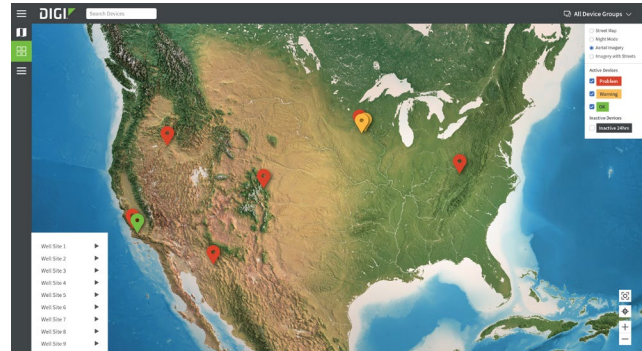
Our monitoring solutions are designed to seamlessly interface with a diverse range of sensors, delivering data wherever you need it. Standard support includes analog data such as current and voltage, widely used protocols including Modbus RTU and ASCII.

Learn more about Digi Axess at digi.axess.com.

How Digi Connect Sensor+ works

Connect Sensor is equipped with both digital and analog inputs, including four analog inputs that can be customized to function as either voltage or current loop inputs. Each of these inputs comes with a user-enabled power output. This feature allows the Connect Sensor to provide configurable DC voltage level output that can power nearly any industry-standard sensor.

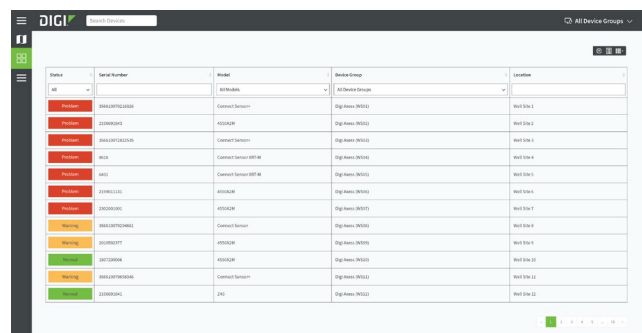
The Connect Sensor features dynamic digital input capabilities that extend beyond the standard. It is highly customizable and can be configured to count pulses from mechanical switches and pulsed output meters. The digital input also has the ability to wake the Connect Sensor from sleep mode upon detecting a rising and falling edge.



Monitor sites with an intuitive interface and detailed reports

Value and benefits

- **Monitor and analyze:** Start creating actionable field data in minutes
- **Sense the calm before the storm:** our data driven approach enables proactive solutions
- **Flexible sensor integration:** Digi's "bring your own sensor" approach allows you to adopt a unified strategy for data collection, storage, and distribution, providing greater standardization and efficiency.
- **Effortlessly manage your sensors:** Enjoy streamlined web-based logic, processing, and analytics capabilities. Input and manage your sensor settings with ease using our intuitive web-based configuration.
- **Achieve optimal efficiency with Axess:** Your data is processed in real-time and delivered to you when it is needed most with tailored alerts, alarms, and reports through various channels, such as text message, cloud, and email. Our advanced alarming logic allows you to make informed decisions and optimize your operations.



Sort and search assets to identify issues and maintain control

SPECIFICATIONS

DIGI CONNECT SENSOR+ WITH DIGI AXESS

WWAN	
LTE BANDS	Verizon: bands 2, 4, 13
ANTENNA CONNECTOR	External SMA
SIM SLOTS	1, standard size
MANAGEMENT	
CONFIGURATION AND MANAGEMENT	Digi Axess; local USB to serial CLI
POWER (Does not include power draw of external sensors)	
EXTERNAL POWER INPUT RANGE	8 VDC to 30 VDC
BATTERY AND BATTERY LIFE	7.2 V, 14.5 Ah, lithium thionyl chloride, non-rechargeable, replaceable; approximately 2 years (at 2 reads/transmits per day)
POWER DRAW, SLEEPING	86.4 uW
POWER DRAW, CONTINUOUS MONITOR	400 mW
POWER DRAW, PEAK TRANSMIT	14.4 watts
SENSOR PROTOCOL SUPPORT	
MODBUS	Modbus RTU and ASCII, connect to up to 4 sensors
ANALOG I/O	
INPUTS	4, configurable as 4/20 mA or 0 to 10 VDC analog inputs
INPUT VOLTAGE RANGE	0 to 10.5 V (analog input)
INPUT CURRENT RANGE	4 to 22 mA (current loop input)
INTERNAL A/D CONVERTER	12-bit
DIGITAL I/O	
PORTS	1 digital I/O or pulse counter input
INPUT RANGE	0 to 0.6 VCD logic low; 2.2 V to 30 VDC logic high
MAX INPUT VOLTAGE	30 VDC
MAX PULSE COUNT FREQUENCY	2 kHz
DIGITAL OUTPUT	Open collector output, max sink current 450 mA
OUTPUT POWER	
PORTS	5
OUTPUT VOLTAGE OPTIONS	3.3, 5, 15, 24 VDC
MAX CURRENT OUTPUT	200 mA
ENVIRONMENTAL	
OPERATING TEMPERATURES	-35 °C to 70 °C (-31 °F to 158 °F)
STORAGE TEMPERATURE	-40 °C to 85 °C (-40 °F to 185 °F)
RELATIVE HUMIDITY	90%
BATTERY DISCHARGE	<1%/year if stored at 30 °C (86 °F)
PHYSICAL	
DIMENSIONS (L x W x H)	152.4 mm x 108.4 mm, 127 mm including glands, x 74.6 mm (6 in x 4.27 in, 5 in including glands, x 2.94 in)
WEIGHTS	264 g (0.58 lb)
LEDS INDICATORS	Battery, cellular, sensor and Bluetooth*
ENCLOSURE	Lexan/IP66

SPECIFICATIONS		DIGI CONNECT SENSOR+ WITH DIGI AXESS	
REGULATORY APPROVALS			
SAFETY		UL 60950-1, CAN/CSA C22.2 No. 60950-1-01, IEC 60950-1:2005 (Second Edition); Am1:2009 + Am2:2013, EN 60950-1:2006 / A11:2009 / A1:2010 / A12:2011 / A2:2013 and EN 60950-22:2006; Class 1, Division II, groups A,B,C,D; ANSI/ISA 12.12.01:2015, CAN/CSA C22.2 No 213-15, 1st Ed ATEX EN 60079-0:2012+A11:2013, EN 60079-15:2010, eII 3 G Ex nA nC IIC T6 Gc	
EMISSIONS		FCC part 15 Subpart B class B, EN 55022: 2010/AC: 2011 class B, IECS-003 Issue 5: 2012 class B	
IMMUNITY		EN 55024:2010	
WARRANTY			
PRODUCT WARRANTY		3-year	

PART NUMBERS		DIGI CONNECT SENSOR+ WITH DIGI AXESS*
CSENSE-S210	Digi Connect Sensor+ with Digi Axess — Verizon LTE	

*Antennas and accessories sold separately unless otherwise noted.
 Contact Digi for Digi Data Plan options and pricing, or visit digi.com/support/professional-services/managed-connectivity-services.

PART NUMBERS		DIGI AXESS
DIGI-AXESS-1YR	Digi Axess — 1-year subscription	
DIGI-AXESS-3YR	Digi Axess — 3-year subscription	

PART NUMBERS		ACCESSORIES
76000974	Digi Connect Sensor+ Wall Mount Kit	
76000912	Digi Connect Sensor+ Battery	
76000927	Digi Connect Sensor+ Magnetic Key Chain (2-Pack)	
76002066	Digi Connect Sensor+ Magnetic Mount Kit	
76000926	Antenna — Cellular, 3G/4G/LTE (indoor)	
76002067	Antenna — Cellular, 3G/4G/LTE (outdoor)	

For more information, please visit digi.com.



For more information about Digi Connect Sensor+ with Digi Axess, visit digi.com/connect-sensor+digi-axess.

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