RedLion® BY HMS NETWORKS

FlexEdge® Networking Gateway 1-Sled

Item number: DA50A0BNN0000010

The FlexEdge Networking Gateway 1-Sled makes your data actionable. Modular hardware, intuitive configuration software and network security makes it easy to connect legacy and newer equipment, transfer data to cloud-based systems and monitor equipment remotely.



Unmatched data access, network security and real-time visualization in an all-in-one edge IIoT platform

Features and benefits

Simplifyies application complexity with one device

Use a single device as a networking gateway, protocol converter and/or automation controller. As networks and applications evolve and operations expand, adapt easily with field-upgradable software.

Designed with security in mind

Advanced network security helps prevent unauthorized access to your network. Built-in firewall, encrypted communication, password policies and RADIUS authentication keep networks and data secure.

Fast and easy OT deployment

Field-unlockable software saves you time and money by eliminating the need to purchase and install new hardware when application needs change. Easily upgrade from a gateway to a protocol converter to an IIoT controller.

Monitor remote assets

Use an advanced webserver, diagnostics and VPN connectivity to monitor and set up alerts for remote assets. Send notifications, reports and data logs to specified users with the built-in mail manager.

Rugged and durable industrial design

Built to operate in harsh, hazardous environments and withstand extreme temperatures from -40 ° C to 75 ° C. Industry attested with HazLoc, UL Class 1, Division 2 and ATEX/IECEx and ABS certifications.

Flexible connectivity

Customize systems to meet new connectivity needs and standards. Plug-and-play communications sleds, including dual-SIM cellular, Wi-Fi, Ethernet, serial and USB.

Seamlessly integrate OT and IT systems

All the security features you need to safely integrate OT with enterprise IT systems. RADIUS authentication, LDAP, and other user authentication systems.

FlexEdge® Networking Gateway 1-Sled



General

Net Weight (g)	0.01
Packed Width (mm)	215.9
Packed Height (mm)	127
Packed Depth (mm)	215.9
Packed Weight (g)	418.01
Operating Temperature °C Min	-40
Operating Temperature °C Max	75
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	0 to 85 % max relative humidity, non-condensing
Power Consumption (W)	5.7
Input Voltage (V)	12 to 24 VDC +/- 15%, Class 2 Source
CPU	800MHz
Maximum Installation Altitude (m)	2000
Mounting	DIN rail mount (bracket included)
Housing Materials	Polycarbonate
Packaging Material	Cardboard
Warranty (years)	1

Identification and Status

Product ID	DA50A0BNN0000010

FlexEdge® Networking Gateway 1-Sled



Identification and Status

Country of Origin	United States of America (the)
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

Connectors / Input / Output	Five-pin top mounted connector Wire strip length: 0.3" (7.5mm) Wire Gauge Capacity: 12 to 24 AWG (3.31 to 0.20mm2) copper wire only Torque: 4.4-5.3 inch-lbs (05-0.6 N-m), 1x RS232, 1x RS485/422, 2x RJ45, 1x HDMI port, 1x USB Type B
SD Card Slot	No
Flash Drive	Yes
Contains Battery	No

Certifications and Standards

Protection Class IP	IP30
RoHS Compliant	Yes
CE	Yes
FCC	No
UKCA	Yes
UL	Yes
ATEX	Yes
DNV	No
KC	No
Vibration and Shock	IEC 60068-2-27, 15 g; IEC 60068-2-6: Operational 5-500 Hz, 2 g