

elecsys REDILINK 10

Remote Digital Link Edge-of-Network Gateway

The RediLink series Edge-of-Network gateways are rugged, field proven, and designed for remote data communication applications. A single RediLink device creates a seamless path from a remote site to an enterprise data host system and enables efficient real-time data acquisition, protocol conversion, field data security, and bandwidth management throughout an enterprise data communication network.



FEATURES



Built-in support for numerous protocols



Optional integrated cellular data modem



Remote “on the fly” programmability and configuration over secure connection



Many options for data security (TLS, IPsec, VPN, Firewall)



Compatible with Report-by-Exception, Publish/Subscribe and Poll/Response data architectures

APPLICATIONS

- Edge-of-Network gateway
- Enables Real-time Data Acquisition
- Protocol Converter
- MQTT for Message Oriented Middleware
- Industrial Internet of Things
- Terminal Server/Serial to IP converter
- Data Security and Encryption
- Data Logger



SPECIFICATIONS

MODEL	REDILINK 10e	REDILINK 10c
Product Number	RL-10E-00-00	RL-10C-00-00
Inputs	Com Ports: 1 RS232/RS485 (device communication) 1 USB (user configuration)	
Host Protocols	MQTT, DNP3, Modbus IP	
Host Communication	Ethernet	Cellular: CDMA or GSM/HSPA+
Ethernet Port (Host communication)	Yes	No
Serial Port (Device communication)	Yes	1 RS232/RS485/RS422
Power	Power Input: 9.5-28 VDC (optional 120VAC power supply available) 2.5W nominal	Power Input: 9.5-28 VDC (optional 120VAC power supply available) 3.5W nominal
Operating Environment	Temperature: -40 to +75 C Humidity: 0-95% non-condensing	
Size	H: 1.35" (3.43cm), W: 4.88" (12.40cm), L: 3.09" (7.85cm)	

The RediLink 10e/c features a comprehensive selection of diverse industry standard and legacy communication protocols. RediLink gateways interface with both serial and ethernet based field devices to route real-time data through enterprise data systems by utilizing either an ethernet or cellular data connection. The user friendly configuration utility enables easy configuration of RediLink devices for a wide variety of applications.

Utilizing its native MQTT communications protocol, the RediLink interfaces directly with message oriented middleware, data brokers, new and legacy host systems, cloud hosted applications, and many other enterprise applications. In addition, Elecsys offers an optional OPC Host Interface software package that greatly expands the capabilities of existing enterprise systems.

MAJOR MARKETS



Oil



Gas



Electricity



Transportation



Agriculture

