



ROUTEX P

Industrial Celular Router

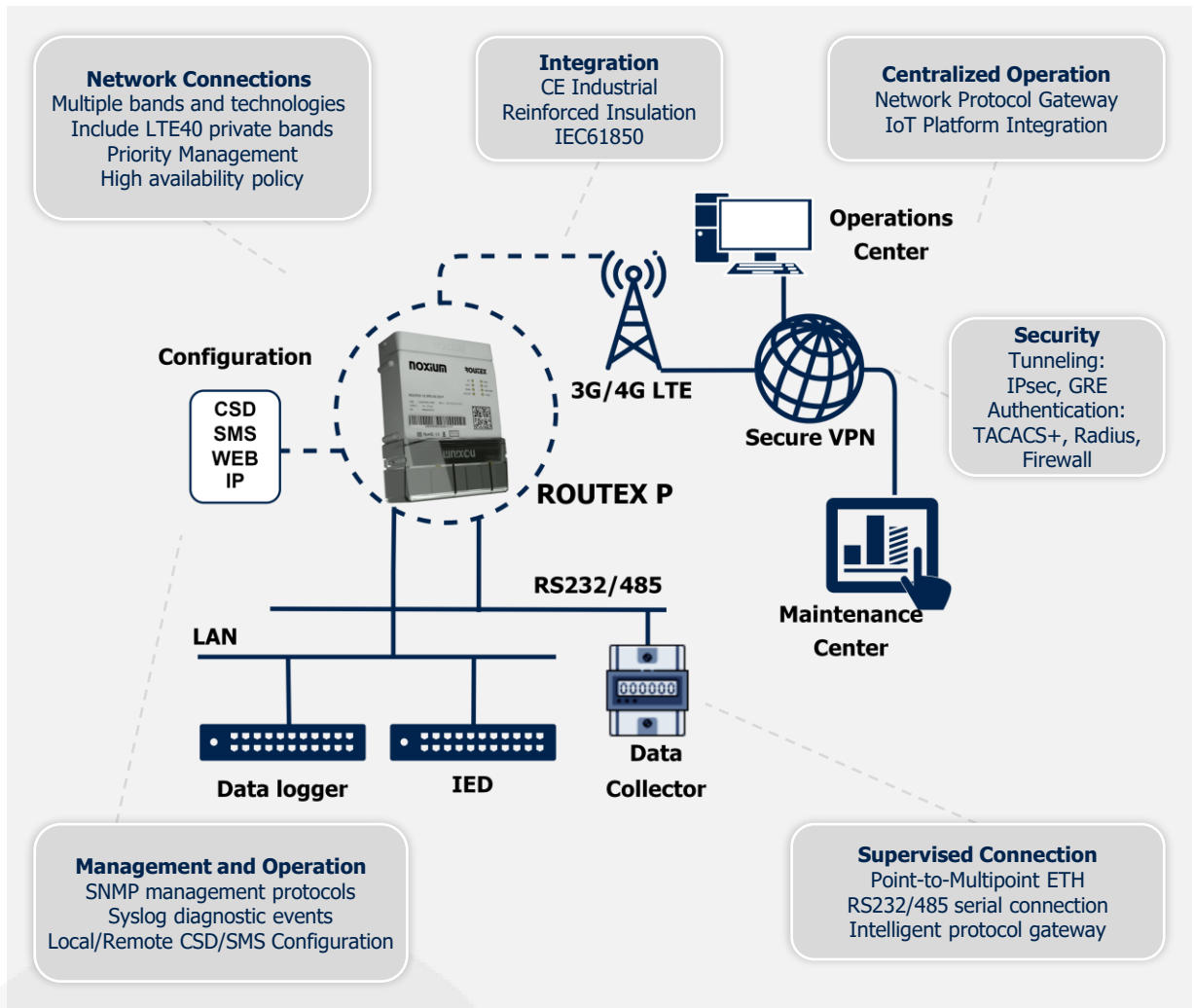
High reliability for integration into WAN networks of devices enabling Intelligent Remote Management



Main Features

- Wireless 2G/3G/4G Connection
- Redundancy management SIM/APN
- LAN Wifi options
- Includes Private Service Bands
- Firewall & Tunneling security
- Remote management
- Integrable in IoT Platforms
- Industrial Protocol Management
- Ethernet or RS232/485 multipoint interfaces

Typical Application: Remote Data Acquisition Connectivity of Isolated Devices in WAN Networks






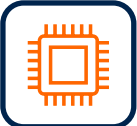











Application Sectors

- Smart Metering
- Vending Management
- Smart Building
- Infrastructure Supervision
- Environmental Monitoring
- Smart City
- Industry 4.0



Benefits

- Simplicity of use
- High levels of availability
- Wide Deployment
- Reliability and Low Maintenance
- Flexible Connections
- Robust in Industrial Environments
- Level 3 Security Policy

	Connectivity 4G LTE / 3G / 2G Private LTE		Multiband Antennas 1 x SMA F 3G 1 x SMA F 4G		Weight: 368 grs. IP 55
	SO Linux. Access Configuration: - CLI, Web, SMS, SNMP, Console AT		SIM Card 1.8/3v ó eSIM (MMF2)		Without Wirecover: 140x140x47,5 mm With Wirecover: 140x175x47,5 mm
	Serial Ports RS232 & RS485 full/half dúplex 0,5Mb max ETH 10/100Mb		Status and operation indications with 8 LEDs		Plastic envelope wire cover with seal Wall mounting or DIN rail accessory
	Extended Range Power supply: · 48-400Vdc · 75-265Vac		Firewall & Tunneling VPN, IPsec, GRE, NTP TACACS+, Radius		Reinforced Insulation CE Certified Industrial Environments
	Battery or Supercap for Warnings and Alarms		DynDNS, HTTPS FTP, FTPS SSH		Operating Temperature Extended - 20° a 85°C HR 98% SC

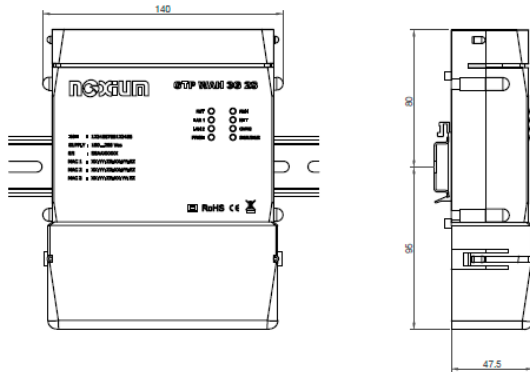
SUPPORTED NETWORK BANDS BY REGION

Model	LTE FDD	LTE TDD	WCMA/HSPA	GPRS/EDGE
Q4L (LATAM)	B1/B3/B4/B5/B7/B8/B28	B40	B1/B2/B4/B5/B8	B2/B3/B5/B8
Q4E (Europa & Asia)	B1/B3/B7/B8/B20/B28a	B38/B40/B41	B1/B5/B8	B3/B8
Q4G (Global)	B1/B2/B3/B4/B5/B7/B8/ B12/B13/B18/B19/B20/ B25/B26/B28	B38/B39/B40/B41	B1/B2/B4/B5/B6/ B8/B19	B2/B3/B5/B8

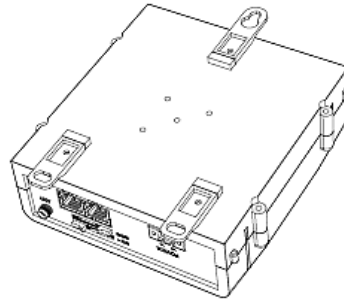
RADIO PERFORMANCE

Feature	LTE FDD	LTE TDD	WCDMA/HSPA	GPRS/EDGE
Speeds	150 (DL)/ 50 (UL)	130 (DL)/ 30 (UL)	384 (DL)/ 384 (UL) 42 (DL)/ 5.76 (UL)	296 (DL)/ 236.8 (UL) 107 (DL)/ 85.6 (UL)
Powers	Max Output Power Class 3 (23dBm±2dB)	Class 3 (23dBm±2dB)	Max Output Power Class 3 (24dBm+1/- 3dB)	Max Output Power Class 4 (33dBm±2dB) Class 1 (30dBm±2dB)

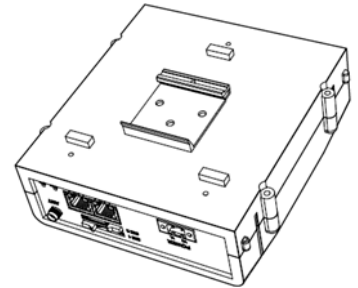
Dimensions



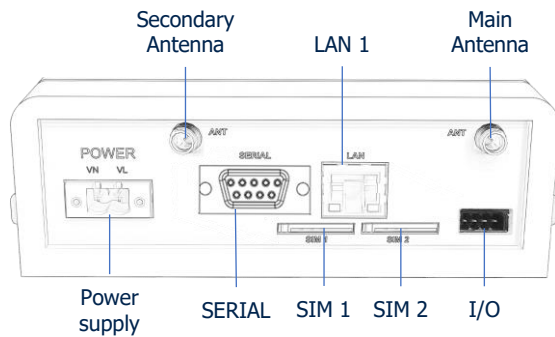
Mural Mounting



DIN rail



Hardware Interfaces: Connections & LEDs



ORDERING INFORMATION

Available options:

Option	Power supply	Option	Accessories	Q4x+	Region
IPS	50-265 Vac/Vdc	RC	With accessories	E	Europe
CPS	9-36 Vdc	CB	RS232+485	L	Latam
XPS	18-72 Vdc	C1	RS232	A	USA
				G	Global

Active references in production:

ROUTEX P Q4L IPS CB RC

Compact plastic router with 2G/3G/4G Cat1 radio for bands in South America, equipped with 2 10/100BaseT network ports, an alternative RS232/RS485 port and two potential-free digital inputs. It is powered in alternating from 75 to 265Vac or continuous from 50 to 400Vdc by IEC08 type plug connector with supercap backup for sending events. It has Wifi and bluetooth Internal. Includes antenna type 1 as accessory.

