



## AXOM CP

### Industrial Cellular Modem

High reliability by integrating WAN data networks intelligent remote management devices

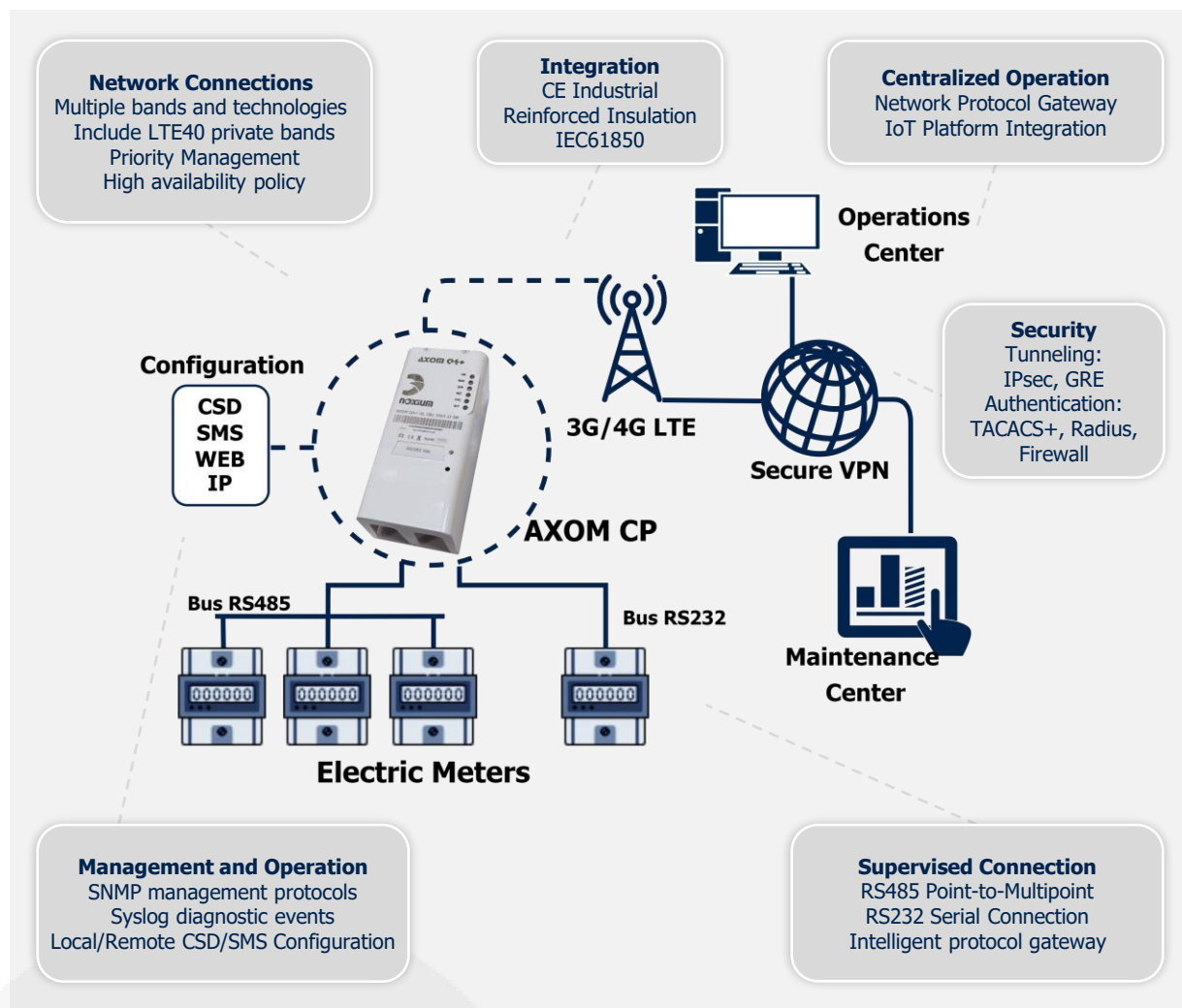


#### Main Features

- Wireless 2G/3G/4G connection
- SIM/APN redundancy
- Includes LTE Private Bands
- Firewall Security & Tunneling
- Remote Management
- Integrable in IoT Platforms
- Industrial Protocols Management
- 2x Interfaces RS232/485

## Typical Application: Remote Data Collection

### 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		Wide range of Multibands Antennas		Plastic envelope wire cover with seal Wall mounting or DIN rail accessory
	SO Linux. Access Configuration: - CLI, Web, SMS, SNMP, AT Console		SIM Card 1.8/3v or eSIM (MMF2)		130x60x48 mm with wirecover
	RS232 y RS485 full/half 2/4 wires		Status and Operation Indications with 6 LEDs		Weight: 150 grs. IP 54
	Extended Range AC/DC Power: · 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

## SUPPORTED NETWORK BANDS BY REGION

Model	LTE FDD	LTE TDD	WCMA/HSPA	GPRS/EDGE
<b>Q4L (LATAM)</b>	B1/B3/B4/B5/B7/B8/B28	B40	B1/B2/B4/B5/B8	B2/B3/B5/B8
<b>Q4E (Europe &amp; Asia)</b>	B1/B3/B7/B8/B20/B28a	B38/B40/B41	B1/B5/B8	B3/B8
<b>Q4G (Global)</b>	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
<b>Speeds</b>	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)
<b>Power</b>	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)

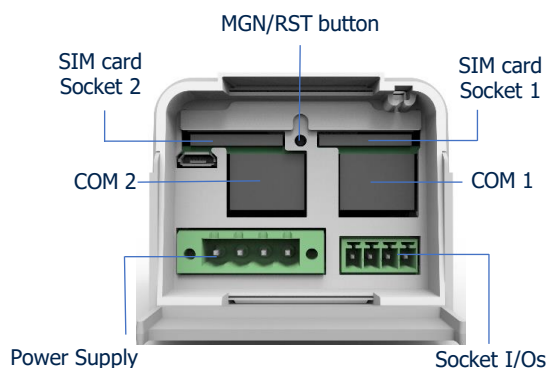
## Dimensions



## Mural mounting/DIN



## Hardware Interfaces: Connections and LEDs



## ORDERING INFORMATION

### Available options:

Options	Power supply	Options	Accessories	x*	Region
<b>C</b>	Microfit 3.0	<b>RC</b>	With Accessories	<b>E</b>	Europe
<b>B</b>	Borna 5.08	<b>XR</b>	Type 1 antenna	<b>L</b>	Latam
<b>E</b>	IEC C8	<b>XC</b>	Serial cable	<b>A</b>	USA
				<b>G</b>	Global

### Active references in production:

<b>AXOM CP Q4x* B RC</b>	Modem with 2G/3G/4G Cat1-4 radio for selected bands (x*) in plastic case, equipped with a serial port for telemetry according to IEC 61850 standard. AC/DC power supply from 75 to 265Vac 50 to 400Vdc via 5.08mm terminal strip.
--------------------------	---