



# RAXOM CP

## Industrial Cellular Router

High reliability by integrating WAN data networks intelligent remote management devices

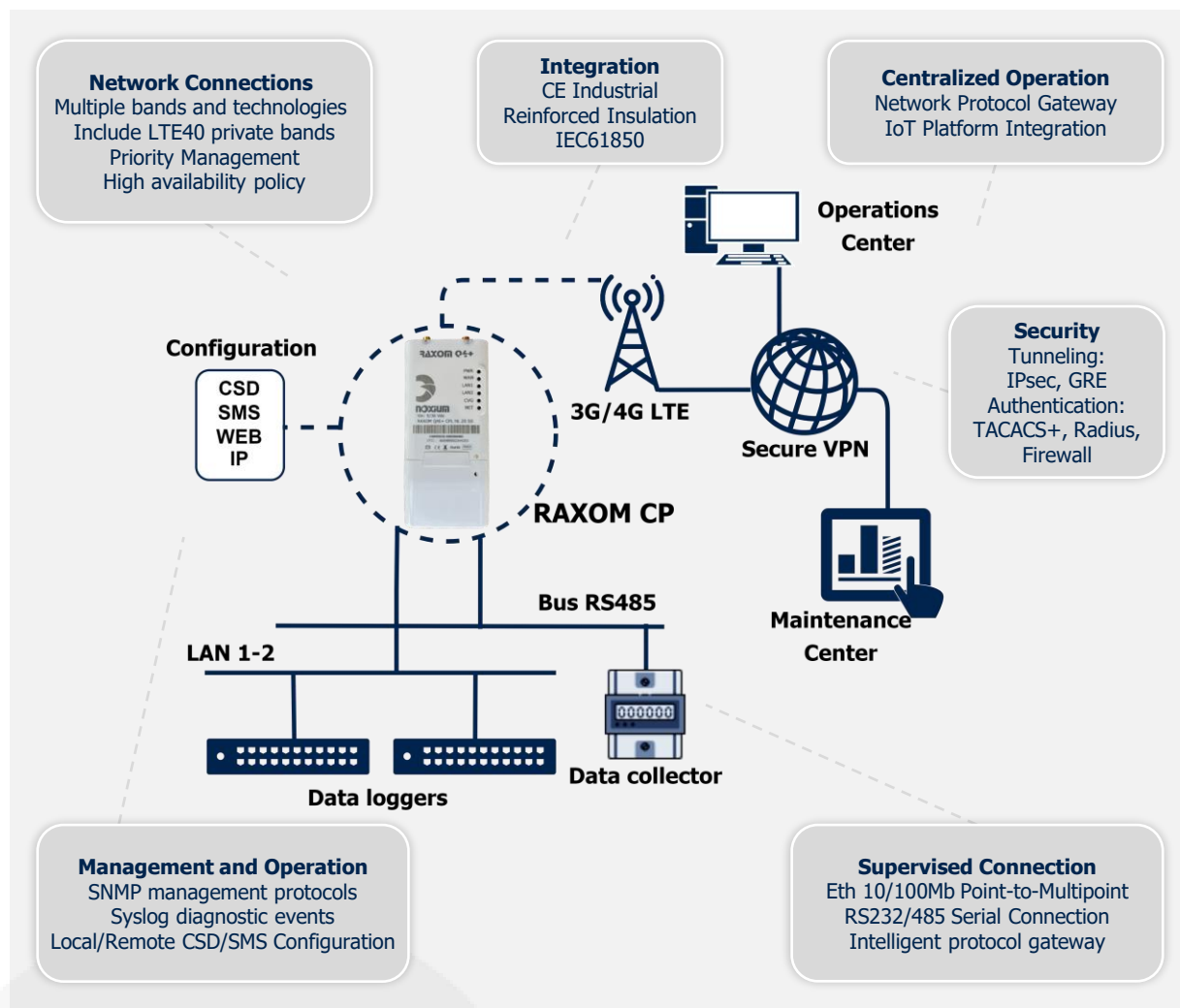


### Main Features

- Wireless 2G/3G/4G connection
- SIM/APN redundancy
- Includes LTE Private Bands
- Firewall Security & Tunneling
- Remote Management
- Integrable in IoT Platforms
- Industrial Protocols Management
- 1x Interface RS485 or RS232
- Optional I/O
- 2x Interfaces multipoint Ethernet 10/100Mb

## 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



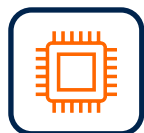
Connectivity  
4G LTE / 3G / 2G  
Private LTE



Wide range of  
Multibands Antennas



Weight: 150 grs.  
IP 54



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  
0,5Mb max  
ETH 10/100Mb



Status and Operation  
Indications with  
6 LEDs



Plastic envelope wire  
cover with seal  
Wall mounting or  
DIN rail accessory



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  
HR 98% SC

## 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>Powers</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)

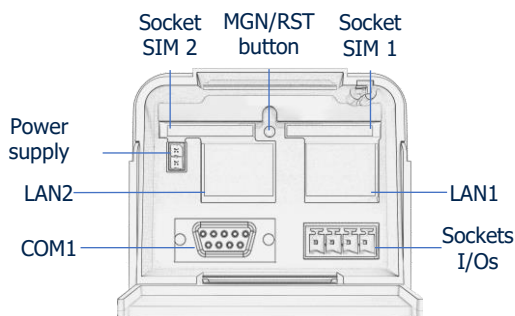
## Dimensions



## Mural mounting/DIN



## Hardware Interfaces: Connections & LEDs



After 10 seconds **PWR** should start to blink slow and next **WAN** should start to blink slow

**LAN** x should be static and green if we have our cable connected.

**CVG** must be static green or orange. **NET** can be static green, orange or red (4G, 3G or 2G)

## ORDERING INFORMATION

### Available Options:

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

### Active references in production:

#### RAXOM CP Q4L IPS CB RC

**Compact plastic Router** with 2G/3G/4G Cat1 radio for LATAM bands, equipped with 2 10/100BaseT network ports and two potential-free digital inputs. It is powered in AC from 75 to 265Vac or DC from 50 to 400Vdc by IEC08 type plug connector with supercap backup for sending events. Includes type 1 antenna as accessory.