

Item no.: 386183

ONCELL G4302-LTE4-EU-T - Industrial LTE Cat. 4 cellular secure router, B1B3B7B8B20B28, 2 101001000BaseT(X)

from 1.111,55 EUR

Item no.: 386183
shipping weight: 0.60 kg
Manufacturer: MOXA



Product Description

Industrial applications involving mobile communications—such as moving vehicles, industrial M2M, and monitoring geographically dispersed sites—must be reliable and fail-safe even in dynamic and radio-hostile environments. Our industrial-grade cellular routers are able to meet this challenge, and enable reliable mobile data access anytime, anywhere. Industrial LTE Cat. 4 cellular secure router, B1/B3/B7/B8/B20/B28, 2 10/100/1000BaseT(X) RJ45 ports, -30 to 70°C operating temperature Cellular Interface Cellular Standards- LTE CAT 4, HSPA, UMTS, EDGE, GPRS, GSM LTE Data Rate- 20 MHz bandwidth: 150 Mbps DL, 50 Mbps UL Band Options (EU)- LTE B1 (2100 MHz) / B3 (1800 MHz) / B7 (2600 MHz) / B8 (900 MHz) / B20 (800 MHz) / B28 (700 MHz)- UMTS/HSPA B1 (2100 MHz) / B8 (900 MHz)- GSM/GPRS/EDGE 900 MHz / 1800 MHz No. of SIMs- 2 Push-eject tray type SIM Format- Nano SIM Cellular Antenna Connectors- 2 SMA female Ethernet Interface 10/100/1000BaseT(X) Ports (RJ45 connector)- 2 GNSS Interface GNSS Bands- GPS (1575.42 MHz)- GLONASS (1597.52 MHz)- Galileo (1575.42 MHz)- BeiDou (1561.098 MHz) GNSS Antenna Connectors- 1 SMA female Input/Output Interface Digital Output Channels- 1- Relay output with current carrying capacity of 1 A @ 24 VDC Digital Input Channels- 1 Digital Inputs- -30 to +3 V for state 0- +13 to +30 V for state 1 Buttons- Reset button USB Interface No. of USB Ports- 1 USB Connector- USB Type A USB Standards- USB 2.0 Serial Interface No. of Ports- 1 Connector- DB9 male Serial Standards- RS-232/422/485 Data Bits- 5, 6, 7, 8 Stop Bits- 1, 1.5, 2 Parity- None- Even- Odd Baudrate- 300 bps to 921.6 kbps Console Port- RS-232 (Tx, Rx, GND), USB type-C (115200, n, 8, 1) Serial Signals RS-232- Tx, Rx, RTS, CTS, DTR, DSR, DCD, GND RS-422- Tx+, Tx-, Rx+, Rx-, GND RS-485-2w- Data+, Data-, GND RS-485-4w- Tx+, Tx-, Rx+, Rx-, GND Operation Modes Standards- Real COM mode- RFC2217 mode- TCP Client mode- TCP Server mode- UDP mode LED Indicators- PWR1, PWR2, STATE, USB, SIM1, SIM2, CELL, LTE, GNSS, SERIAL, VPNEthernet Software Features Management- GuaranLink- Power Management- Back Pressure Flow Control- LLDP- Syslog- Wireless Search Utility- MXview One- MXconfig- MXsecurity- Moxa Remote Connect (MRC) Broadcast Forwarding- IP directed broadcast, broadcast forwarding Configuration Options- Serial Console- Web Console (HTTP/HTTPS)- Command Line Interface (CLI) through Serial/Telnet/SSH Network Protocols- DDNS- DHCP Server/Client- SMTP- SNMPv1/v2c/v3- ARP- Telnet- TCP/IP- UDP- Remote SMS Control Filter- 802.1Q VLAN- Port-based VLAN Unicast Routing- Static Route Multicast Routing- Static Route Routing Redundancy- VRRP Time Management- NTP Server/Client- SNTPSecurity Functions Hardware-based Security- Secure Boot Password- User-level password protection Authentication- Local database- RADIUS- Access Control List Firewall Filter- DDoS- Ethernet protocols- ICMP- IP address- MAC address- Ports NAT Features- 1-to-1- N-to-1- PAT- NAT loopback- Double NAT IPsec VPN Authentication- MD5 and SHA (SHA-256)- RSA (key size: 1024-bit, 2048-bit)- Pre-shared Key or X.509 v3 certificate Encryption- DES- 3DES- AES-128- AES-192- AES-256 Concurrent VPN Tunnels- Max. 15 IPsec VPN tunnels Protocols- IPsec Power Parameters Input Current- 0.96 A @ 12 VDC (max.)- 0.63 A @ 12 VDC (average)- 0.33 A @ 24 VDC (average)- 0.18 A @ 48 VDC (average) Input Voltage- 12 to 48 VDC Power Consumption- 7.6 W (typ.)- 11.52 W (max.) Power Connector- Screw-locked terminal block Reverse Polarity Protection- Supported Physical Characteristics Housing- Metal Dimensions- 125 x 46.2 x 100 mm (4.92 x 1.82 x 3.94 in) Weight- 610 g (1.34 lb) Installation- DIN-rail mounting- Wall mounting (with optional kit) IP Rating- IP40 Environmental Limits Operating Temperature- -30 to 70°C (-22 to 158°F) Storage Temperature (package included)- -40 to 85°C (-40 to 185°F) Ambient Relative Humidity- 5 to 95% (non-condensing) Standards and Certifications EMC- EN 55032/35- EN 61000-6-2/-6-4 EMI- CISPR 22, FCC Part 15B Class A EMS- IEC 61000-4-2 ESD: Contact: 8 kV; Air: 15 kV- IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m- IEC 61000-4-4 EFT: Power: 2 kV; Signal: 2 kV- IEC 61000-4-5 Surge: Power: 2 kV, Signal: 2 kV- IEC 61000-4-6 CS: 10 V; 150 kHz to 80 MHz- IEC 61000-4-8: 30 A/m Freefall- IEC 60068-2-32 Hazardous Locations- IECEx- ATEX- Class I Division 2 Railway- EN 50121-4 Traffic Control- NEMA TS2 Road Vehicles- E mark E1 Radio Frequency- FCC- PTCRB- EN 303 413 Radio- NCC- TELEC- RCM- KC- ICID- UKCA- Anatel Carrier Approvals- Verizon- AT&T Cellular Standards- EN 301 489-1/-19- EN 301 489-1/-52- EN 301511- EN 301908-1/-2/-13 Safety- UL 62368-1- EN 62368-1 Shock- IEC 60068-2-27 Vibration- IEC 60068-2-6 MTBF Time- 518,722 hrs Standards- Telcordia SR332

Specifications

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All details, up-to-date prices and availability

