

Item no.: 386185

ONCELL G4302-LTE4-JP-T - Industrial LTE Cat. 4 cellular secure router, B1B3B8B11B18B19B21

from 1.111,55 EUR

Item no.: 386185
shipping weight: 0.70 kg
Manufacturer: MOXA



Product Description

Industrial applications with mobile communication - such as moving vehicles, industrial M2M and the monitoring of geographically dispersed locations - 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/B8/B11/B18/B19/B21, 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 (JP)LTE B1 (2100 MHz) / B3 (1800 MHz) / B8 (900 MHz) / B11 (1500 MHz) / B18 (800 MHz) / B19 (800 MHz) / B21 (1500 MHz)UMTS/HSPA B1 (2100 MHz) / B19 (800 MHz)- No. of SIMs 2 Push-eject tray type- SIM Format Nano SIM- Cellular Antenna Connectors 2 SMA femaleEthernet Interface- 10/100/1000BaseT(X) Ports (RJ45 connector) 2GNSS Interface- GNSS BandsGPS (1575.42 MHz)GLONASS (1597.52 MHz)Galileo (1575.42 MHz)BeiDou (1561.098 MHz)- GNSS Antenna Connectors 1 SMA femaleInput/Output Interface- Digital Output Channels1Relay 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 buttonUSB Interface- No. of USB Ports 1- USB Connector USB Type A- USB Standards USB 2.0Serial 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- ParityNoneEvenOdd- Baudrate 300 bps to 921.6 kbps- Console Port RS-232 (TxD, RxD, GND), USB type-C (115200, n, 8, 1)Serial Signals- RS-232 TxD, RxD, 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-, GNDOperation Modes- StandardsReal COM modeRFC2217 modeTCP Client modeTCP Server modeUDP modeLED Interface- LED Indicators PWR1, PWR2, STATE, USB, SIM1, SIM2, CELL, LTE, GNSS, SERIAL, VPNEthernet Software Features- ManagementGuaranLinkPower ManagementBack Pressure Flow ControlLLDPslogWireless Search UtilityMXview OneMXconfigMXsecurityMoxa Remote Connect (MRC)- Broadcast ForwardingIP directed broadcast, broadcast forwarding- Configuration OptionsSerial ConsoleWeb Console (HTTP/HTTPS)Command Line Interface (CLI) through Serial/Telnet/SSH- Network Protocols DDNS Network ProtocolsDDNSDHCP Server/ClientSMTPSNMPv1/v2c/v3ARPTELNETTCP/IPUDPRemote SMS Control- Filter802.1Q VLANPort-based VLAN- Unicast Routing Static Route- Multicast Routing Static Route- Routing Redundancy VRRP- Time ManagementNTP Server/ClientSNTPSecurity Functions- Hardware-based Security Secure Boot- Password User-level password protection- AuthenticationLocal databaseRADIUSAccess Control ListFirewall- FilterDDoSEthernet protocolsICMIP addressMAC addressPortsNAT- Features1-to-1N-to-1PATNAT loopbackDouble NATIPsec VPN- AuthenticationMD5 and SHA (SHA-256)RSA (key size: 1024-bit, 2048-bit)Pre-shared Key or X.509 v3 certificate- EncryptionDES3DESAES-128AES-192AES-256- Concurrent VPN Tunnels Max. 15 IPsec VPN tunnels- Protocols IPsecPower Parameters- Input Current0.96 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 Consumption7.6 W (typ.)11.52 W (max.)- Power Connector Screw-locked terminal block- Reverse Polarity Protection SupportedPhysical 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)- InstallationDIN-rail mountingWall mounting (with optional kit)- IP Rating IP40Environmental 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- EMCEN 55032/35EN 61000-6-2/-6-4- EMI CISPR 22, FCC Part 15B Class A- EMSIEC 61000-4-2 ESD: Contact: 8 kV; Air: 15 kVIEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/mIEC 61000-4-4 EFT: Power: 2 kV; Signal: 2 kVIEC 61000-4-5 Surge: Power: 2 kV, Signal: 2 kVIEC 61000-4-6 CS: 10 V; 150 kHz to 80 MHzIEC 61000-4-8: 30 A/m- Freefall IEC 60068-2-32- Hazardous LocationsIECEATEXClass I Division 2- Railway EN 50121-4- Traffic Control NEMA TS2- Road Vehicles Road Vehicles E mark E1- Radio FrequencyFCCPTCRBEN 303 413- RadioNCCTELECRCMKICIDUKCAAnatel- Carrier ApprovalsVerizonAT&T- Cellular StandardsEN 301 489-1/-19EN 301 489-1/-52EN 301511EN 301908-1/-2/-13- SafetyUL 62368-1EN 62368-1- Shock IEC 60068-2-27- Vibration IEC 60068-2-6MTBF- Time 522,186 hrs- Standards Telcordia SR332

Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability

