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Robustel R3000-L4L LITE Industrial Router, CAT-4, Dual-SIM, FE, RS232, RS485, USB

SKU
M2M-RO-00018
MPN
R3000-L4L

Description

The Robustel Industrial Dual SIM Cellular VPN Router (R3000 Lite) is a rugged cellular router offering state-of-the-art mobile connectivity for machine to machine (M2M) applications.

R3000 Lite is a powerful router developed from RobustOS, a Robustel self-developed and Linux-based operating system which is designed to be used in Robustel devices. The RobustOS includes basic networking features and protocols providing customers with a very good user experience.

Meanwhile, Robustel offers a Software Development Kit (SDK) for partners and customers to allow additional customization by using C, Python or Java. It also provides rich Apps to meet fragmented IoT market demands.

DIN rail mount available.

A cost effective, industrial-grade VPN gateway designed for cost-sensitive M2M applications.

- Dual SIM redundancy for persistent 2G/3G/4G cellular network connections
- RobustOS + SDK + App
- IPsec/OpenVPN/GRE/L2TP/PPTP/DMVPN
- Management and maintenance via Web/CLI/SMS/SNMP/RobustLink Cloud
- Robust industrial design (9 to 36V DC, desktop or wall mounting or DIN rail mounting)



Robustel

Robustel are one of the world’s leading manufacturers of industrial quality solutions for the IoT and M2M market. Robustel’s portfolio of award-winning solutions are comprised of: Wireless Modems, Routers, Gateways, EDGE Computing, Cloud Software and End-to-End IoT solutions.

Founded in 2010 in Guangzhou, China - Robustel has been concentrating on producing the highest quality IoT products possible ...

Network Interfaces
Wireless Interfaces

Cellular Module Technologies
3G UMTS, 4G LTE

4G LTE Specifications

MIMO
2x2 MIMO
LTE Bands
B1 , B3 , B5 , B7 , B8 , B28 , B40
DL Category
Cat 4
UL Category
Cat 3
SIM Cards

Quantity	SIM Type
2	Standard SIM (2FF)

Modem RF Connectors

RF Connector Function	Quantity	RF Interface
Cellular	2	SMA Female

Ethernet Interfaces

Interface	Quantity	Function	Signalling
RJ45 Copper	1	LAN	100BASE-T

Physical Specification

Subtype
Cellular Modem

Min. Operating Temperature
-40 °C
Max. Operating Temperature
75 °C
Ingress Protection
IP30
Dimensions
105 × 98 × 29.5 mm
Weight
305 g
Materials
Aluminium
Compliance/Certifications
CE
,
RCM
,
RoHS
IO Interfaces

IO Connector	Quantity	Notes
USB-A 2.0	1	
DE-9 Serial	1	1x RS-232 & 1x RS-485

Power Specifications
Power Options
DC Power Input
Typical Consumption
1.2 W
Power Interface

Power Connector	Nominal Voltage	Min. Input Voltage	Max. Input Voltage	Voltage Type
Terminal Block, 3-Position	12 V	9 V	36 V	DC

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