

# 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



## 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 DL Category: Cat 4

LTE Bands: B1 UL Category: Cat 3

B3

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B5

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B7

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B8

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B28

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B40

### SIM Cards

**Quantity**

2

**SIM Type**

Standard SIM (2FF)

### Modem RF Connectors

**RF Connector Function**

Cellular

**Quantity**

2

**RF Interface**

SMA Female

## Ethernet Interfaces

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

## Physical Specification

Subtype:	Cellular Modem	Dimensions:	105 × 98 × 29.5 mm
Min. Operating Temperature:	-40 °C	Weight:	305 g
Max. Operating Temperature:	75 °C	Materials:	Aluminium
Ingress Protection:	IP30	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
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## 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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