

WOI-RMBX

router for fast mobil internet connections



The **WOI-RMBX** is a small router made for wireless m2m applications. It is a compact device with all the standard interfaces powered by Telit embedded engine. Supporting UMTS/HSPA+/LTE it is dedicated for users seeking for easy and fast mobile Internet access. Internet connection is easily available and configurable via internet browser without any need of installing software or drivers for the device.

WOI-RMBX is a universal solution for all low-volume M2M and mobile data applications including metering, traffic systems, transportation and logistics, security, vending machines and facility management.

Key benefits

Best pricing level

Fast Time-To-Market

Compact size

Extended power supply range

Simple configuration

Features

Ethernet 100 Mbps

RS232/RS485 interfaces

Optional WiFi

Dual SIM option

GPIO, GPS/Glonass, SD card

Embedded Linux platform

Ports forwarding, IPsec, OpenVPN

m2mLOCATE, m2mAIR, m2mCLOUD



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Specifications

- Small, robust and very cost-effective router
- Easy to use configuration via web interface
- Ethernet 10/100 Mbit/s | RS232 | RS485
- OpenVPN, IPSec, etc.
- Dual SIM for roaming scenarios
- Optional Wi-Fi
- TCP/IP, UDP, E-mail protocols, SMS, MMS
- Python, "C" or Java programmable
- Modbus RTU to Modbus TCP protocol converter
- Optional CAN bus interface
- Extremely compact (only 83 x 60 x 34 mm with connectors)
- Rugged metal housing
- DIN rail etc. are available as accessories
- Remote antennas possible (e.g. in control panels)
- Also available as a programmable Linux platform
- Optional backup battery
- Optional I2C interface
- Internal microSD memory card
- Control and alerting via E-mail and SMS

Network	Name	Speed	Interface RS232/ RS485	GPIO		Dual SIM	GPS	Audio	Wi-Fi
				In / Out	Analog in / out				
UMTS	WOI-RMBX-Ux1	7.2 Mbit/s	●	-	-	-	-	○	○
	WOI-RMBX-Ux1IO	7.2 Mbit/s	●	4	2/1	-	-	○	○
	WOI-RMBX-Ux2	7.2 Mbit/s	●	-	-	●	-	○	○
	WOI-RMBX-Ux2IO	7.2 Mbit/s	●	4	2/1	●	-	○	○
HSPA+	WOI-RMBX-Hx1	21 Mbit/s	●	-	-	-	○	○	○
	WOI-RMBX-Hx1IO	21 Mbit/s	●	4	2/1	-	○	○	○
	WOI-RMBX-Hx2	21 Mbit/s	●	-	-	●	○	○	○
	WOI-RMBX-Hx2IO	21 Mbit/s	●	4	2/1	●	○	○	○
LTE	WOI-RMBX-Lx1	100 Mbit/s	●	-	-	-	○	○	○
	WOI-RMBX-Lx1IO	100 Mbit/s	●	4	2/1	-	○	○	○
	WOI-RMBX-Lx2	100 Mbit/s	●	-	-	●	○	○	○
	WOI-RMBX-Lx2IO	100 Mbit/s	●	4	2/1	●	○	○	○

● support ○ option - not support