

PRODUCT CATALOG

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WHO WE ARE?

31 OFFICES
IN 21 COUNTRIES

We are a rapidly growing technology company, manufacturing professional network connectivity equipment for international markets. Through long-term experience and research and development of industrial network devices for IoT and M2M communication, we have developed a wide portfolio of products for the most complex areas, such as Industry 4.0, Smart City, and Green Energy.



OUR MISSION IS

to be a fast and flexible partner and be closer to our clients in every world region. Longstanding experience, reliable supply chain, and highest technology process models enable us to produce millions of IoT devices to our clients.

OUR VISION IS

to become one of the global leaders providing unique IoT solutions that contribute to making people's lives easier. We are open-minded to establish the environment for the creative and ambitious work professionals in Lithuania and the rest of the world to grow and contribute towards our Mission.

OUR VALUES ARE

not only working but also living to help and sharing kindness to people, especially those who need our help the most. We are keeping our values by continuously and courageously creating synergy between Teltonika IoT Group and business partners as well as clients.

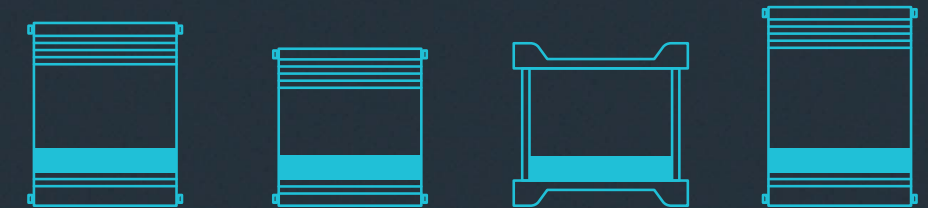
26
YEARS
OF IOT
BUSINESS

WHAT WE OFFER?

WE HELP YOU
CONNECT

We designed our product portfolio to help our partners access opportunities within the rapidly growing IoT and Industrial IoT space. It consists of modems, gateways, routers, switches, and IoT platforms. We have grown to be one of the leaders of cellular IoT devices for industrial and professional applications. From automation, smart grid, to public transport connectivity – hundreds of thousands of our networking products are currently at the heart of our partners' solutions.

GROWING PORTFOLIO



+3

2018

+5

2019

+5

2020

+5

2021

+12

2022

+10

2023

RELIABLE

We have long-standing experience manufacturing industrial devices that can withstand the most rigorous environments and offer connection continuity with multiple backup scenarios.

SECURE

We assure the highest level of security for all Teltonika Networks products by performing regular safety tests and releasing periodical firmware updates to eliminate any risks of breaches.

EASY TO USE

Industrial Teltonika Networks devices are designed mainly for professional applications, yet they are still easy to use. Offering products that do not require any special training is one of our strengths.

HOLISTIC APPROACH



From concept to the finished product – we develop everything in-house to ensure maximum quality and efficiency. It enables us to move much faster because we do not rely on any externalities.

Over the years, we have implemented hundreds of customized projects, from the smallest firmware changes to full-scale hardware alterations. This experience helped our partners capture more opportunities in the fast-paced technology environment - together.

We make all of our products in the state-of-the-art Teltonika IoT Group manufacturing facility in Molėtai, Lithuania. Full control over our production allows us to ensure that we deliver only the best and most reliable devices.

**8 MODERN
SMT LINES**

**100+ ROBOTS FOR
AUTOMATION**

**500K MONTHLY
MANUFACTURING CAPACITY**

FROM CONCEPT TO THE FINISHED PRODUCT

EXPERIENCE

For more than 25 years we have been providing reliable Industrial IoT & M2M connectivity solutions that are secure and easy to use.

FLEXIBILITY

We have implemented hundreds of customized projects from the smallest firmware changes to full-scale hardware alterations.

ALL IN ONE

From concept to the finished product – we develop everything in-house to ensure maximum quality and efficiency.



RUTOS

OpenWrt-based Linux OS designed for engineer ease of use, customisability, and efficient workflow.

RELIABLE

Enhanced uninterrupted connectivity and protocol support for your IoT needs

SECURE

Full of security features and failsafes to ensure maximum device and network security

EASY TO USE

Streamlined and customisable UX for simple yet comprehensive management

MOBILE

Mobile modes	Bridge, Passthrough, NAT
Mobile features	Auto SIM switching, SMS & Call control, SMS relays, SIM idle protection
Mobile communication control	Operator whitelist and blacklist, band lock, auto APN, multiple PDNs, USSD

WIRELESS

Wireless modes	HotSpot, access point (AP), station (STA), wireless mesh (802.11s), fast roaming (802.11r)
Wireless security	WPA3-EAP, WPA3-SAE, WPA2-Enterprise-PEAP, WPA2-PSK, WEP, AES-CCMP, TKIP, auto cipher modes, client separation

NETWORK

Connection monitoring	Ping reboot, Wget reboot, periodic reboot, LCP and ICMP for link inspection
Networking	WAN failover, load balancing, DDNS, QoS, VLANs, DHCP, VRRP
Routing	Static routing, dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP), routing rules

SECURITY

Security basics	Preconfigured and customizable firewall, web filtering, DMZ, user control, firewall status
VPN and tunneling	OpenVPN, IPsec, L2TPV3, DMVPN, ZeroTier, WireGuard and many others
Authentication	Pre-shared key, digital certificates, X.509 certificates, TACACS+

SERVICES

Time sync services	NTP (server, client), GNSS, Mobile operator.
Other services	I/O control, location services, WoL, network topology, ethernet ports control
Industrial protocols	Modbus, BACnet, DNP3, M-Bus, OPC UA, DLMS
Communication & monitoring	JSON-RPC, MQTT (broker, publisher, subscriber, Azure MQTT, Kinesis), SNMP, SSH, TR-069, WEB UI, CLI
Serial modes	Console, serial and M-Bus over IP, modem, Modbus gateway, NTRIP
USB services	Samba share, USB-to-serial, storage memory expansion, printer server, DLNA
3rd party cloud support	Azure IoT Hub, AWS IoT Greengrass, Cloud of Things, Cumulocity, ThingWorx

CUSTOMIZATION

RutOS developed on	OpenWrt based Linux OS
Supported languages	Busybox shell, Lua, C, C++, Python
Development tools	Software development kit with a build environment
OS languages	English, German, Spanish, Portuguese, Japanese, Turkish

Please note this table is an overview of RutOS features and does not take into account individual device hardware incompatibilities with any given feature.



RMS

REMOTE MANAGEMENT SYSTEM

User-friendly platform for remotely accessing and controlling your fleet of devices, tailor-made to meet your remote IoT solution needs.

ACCESS

Easy remote access to your devices – no public IP needed

UNITE

Unified platform with multitенancy capabilities

CUSTOMISE

Adaptable interface and functionality to best fit your needs

INTEGRATE

API support for integrating RMS into your solution



TRY RMS FOR FREE

Explore the full potential of RMS with a **30-day trial!**

MANAGEMENT

Gain complete and secure control over your fleet of Teltonika Networks routers and gateways – no public IP needed. Enjoy the flexibility of remote updates, monitoring, and enhanced configuration of your connectivity device ecosystem.

Protocol	MQTT
Security & encryption	TLS 1.2 X.509
Remote access & control	WebUI, SSH, Task manager
Periodic backup	Daily, weekly, monthly
Alerts & Automation	Limitless customisation for alerts and automation configurations
Reporting	On demand, periodic
Configuration	Single or bulk parameters configuration, download existing configuration, configuration templates

VPN

Secure your entire remote infrastructure quickly and easily with robust VPN connections – no extra protocols or servers needed. We'll take care of the complex configurations in the background.

Protocol	OpenVPN
Connection type	Layer 3
Cryptographic key	RSA 2048 bits
Data encryption	AES-256-GCM
VPN client	RMS VPN Hub, Quick Connect, VPN routing, VPN data usage graph
VPN client supported OS	Windows, Android, iOS, macOS, iPadOS

CONNECT

Reach and remotely control your end devices connected to an RMS-compatible device. Using supported protocols, access to your industrial PC, CCTV camera, POS system or other intelligent device anywhere in the world is only a few clicks away.

Tunnelling protocol	SSH
Encryption	AES with 256-bit key
Supported protocols	HTTP(S), SSH, Telnet, SFTP, VNC, RDP, WebRTC
Remote device detection	IP detection and default service availability checking
Authentication	Network level, in-device

TRIED & TESTED
Millions of units deployed
worldwide

BESTSELLER
All-time star of
LTE Cat 4 connectivity

MAXIMISED VALUE
Perfect mix of interfaces,
performance, and pricing



RUT2 & RUT3 SERIES

RUT200 // RUT241 // RUT260 // RUT361



RUT200

INDUSTRIAL CELLULAR ROUTER

Mobile
4G/LTE (Cat 4), 3G, 2G

Flash memory & RAM
16 MB Flash, 128 MB RAM

Powering option
4-pin power socket, 9-30 VDC

Ethernet
2 x 10/100 Mbps Ethernet ports:
1 x WAN (configurable as LAN),
1 x LAN

Wi-Fi
IEEE 802.11b/g/n, Access point (AP),
Station (STA)

Interfaces
On 4-pin socket: 1 x Digital input,
1 x Digital open collector output

Housing & mounting
Aluminium housing, plastic panels
with DIN rail mounting option

Measurements & weight
83 x 25 x 74 mm, 125 g



RUT241

INDUSTRIAL CELLULAR ROUTER

Mobile
4G/LTE (Cat 4), 3G, 2G

Flash memory & RAM
16 MB Flash, 128 MB RAM

Powering option
4-pin power socket, 9-30 VDC

Ethernet
2 x 10/100 Mbps Ethernet ports:
1 x WAN (configurable as LAN),
1 x LAN

Wi-Fi
IEEE 802.11b/g/n, Access point (AP),
Station (STA)

Interfaces
On 4-pin socket: 1 x Digital input,
1 x Digital open collector output

Housing & mounting
Aluminium housing, plastic panels
with DIN rail mounting option

Measurements & weight
83 x 25 x 74 mm, 125 g



RUT260

INDUSTRIAL CELLULAR ROUTER

Mobile
4G/LTE (Cat 6), 3G, 2G

Flash memory & RAM
16 MB Flash, 128 MB RAM

Powering option
4-pin power socket, 9-30 VDC

Ethernet
2 x 10/100 Mbps Ethernet ports:
1 x WAN (configurable as LAN),
1 x LAN

Wi-Fi
IEEE 802.11b/g/n, Access point (AP),
Station (STA)

Interfaces
On 4-pin socket: 1 x Digital input,
1 x Digital open collector output

Housing & mounting
Aluminium housing, plastic panels
with DIN rail mounting option

Measurements & weight
83 x 25 x 74 mm, 125 g



RUT361

LTE CAT6 INDUSTRIAL CELLULAR ROUTER

- Mobile**
4G/LTE (Cat 6), 3G
- Flash memory & RAM**
16 MB Flash, 128 MB RAM
- Powering option**
4-pin power socket, 9-30 VDC
- Ethernet**
2 x 10/100 Mbps Ethernet ports:
1 x WAN (configurable as LAN),
1 x LAN
- Wi-Fi**
IEEE 802.11b/g/n, Access point (AP),
Station (STA)
- Interfaces**
On 4-pin socket: 1 x Digital input,
1 x Digital open collector output
- Housing & mounting**
Aluminium housing with DIN rail
mounting option
- Measurements & weight**
100 x 30 x 85 mm, 247 g



CUSTOM PRODUCTS

All IoT & M2M projects are unique. If your solution requires an entirely-custom product, we're up to the challenge and here to help.

Our R&D team and in-house manufacturing give us full control of the custom product process, from concept to production, with maximum flexibility for large-scale projects.

Let's make your dream device a reality!



FLEXIBLE
More Ethernet ports for extra scalability

HIGH-PERFORMANCE
Reliable, high-throughput LTE Cat 4 for industrial applications

FAIL-SAFE CONNECTION
Dual SIM with auto-failover and backup WAN



RUT9 SERIES

RUT901 // RUT906 // RUT951 // RUT956



RUT901

INDUSTRIAL CELLULAR ROUTER

- Mobile**
4G/LTE (Cat 4), 3G, 2G
- Flash memory & RAM**
16 MB Flash, 128 MB RAM
- Powering option**
4-pin power socket, 9-30 VDC
- Ethernet**
4 x 10/100 Mbps Ethernet ports:
1 x WAN (configurable as LAN),
3 x LAN
- Wi-Fi**
IEEE 802.11b/g/n, Access point (AP),
Station (STA)
- Interfaces**
On 4-pin socket: 1 x Digital input,
1 x Digital open collector output

Housing & mounting
Aluminium housing with DIN rail
mounting option, plastic panels with
flat mounting option

Measurements & weight
110 x 50 x 100 mm, 297 g



RUT951

INDUSTRIAL CELLULAR ROUTER

- Mobile**
4G/LTE (Cat 4), 3G, 2G
- Flash memory & RAM**
16 MB Flash, 128 MB RAM
- Powering option**
4-pin power socket, 9-30 VDC
- Ethernet**
4 x 10/100 Mbps Ethernet ports:
1 x WAN (configurable as LAN),
3 x LAN
- Wi-Fi**
IEEE 802.11b/g/n, Access point (AP),
Station (STA)
- Interfaces**
On 4-pin socket: 1 x Digital input,
1 x Digital open collector output

Housing & mounting
Aluminium housing with DIN rail
mounting option, plastic panels with
flat mounting option

Measurements & weight
110 x 50 x 100 mm, 287 g



RUT906

4G LTE RS232/RS485 ROUTER

- Mobile**
4G/LTE (Cat 4), 3G, 2G
- Flash memory & RAM**
16 MB Flash, 128 MB RAM
- Powering option**
4-pin power socket, 9-30 VDC
- Ethernet**
4 x 10/100 Mbps Ethernet ports:
1 x WAN (configurable as LAN),
3 x LAN
- Wi-Fi**
IEEE 802.11b/g/n, Access point (AP),
Station (STA)
- Interfaces**
1 x RS232; 1 x RS485; 1 x USB host;
On 4-pin socket: 1 x Digital input,
1 x Digital open collector output;
On 10-pin socket: 1 x Isolated digital
input, 1 x Digital dry input, 1 x Analog
input, 1 x Isolated open collector
output (requires external voltage),
1 x Relay output (non-latching); GNSS
- Housing & mounting**
Aluminium housing with DIN rail
mounting option, plastic panels with
flat mounting option
- Measurements & weight**
110 x 50 x 100 mm, 295 g

ROUTERS



RUT956
INDUSTRIAL CELLULAR ROUTER

- Mobile**
4G/LTE (Cat 4), 3G, 2G
- Flash memory & RAM**
16 MB Flash, 128 MB RAM
- Powering option**
4-pin power socket, 9-30 VDC
- Ethernet**
4 x 10/100 Mbps Ethernet ports:
1 x WAN (configurable as LAN),
3 x LAN
- Wi-Fi**
IEEE 802.11b/g/n, Access point (AP),
Station (STA)
- Interfaces**
1 x RS232; 1 x RS485; 1 x USB host;
On 4-pin socket: 1 x Digital input,
1 x Digital open collector output;
On 10-pin socket: 1 x Isolated digital
input, 1 x Digital dry input, 1 x Analog
input, 1 x Isolated open collector
output (requires external voltage),
1 x Relay output (non-latching); GNSS

Housing & mounting
Aluminium housing with DIN rail
mounting option, plastic panels with
flat mounting option

Measurements & weight
110 x 50 x 100 mm, 287 g

SO
MANY
DEVICES
EVEN
MORE
USE
CASES



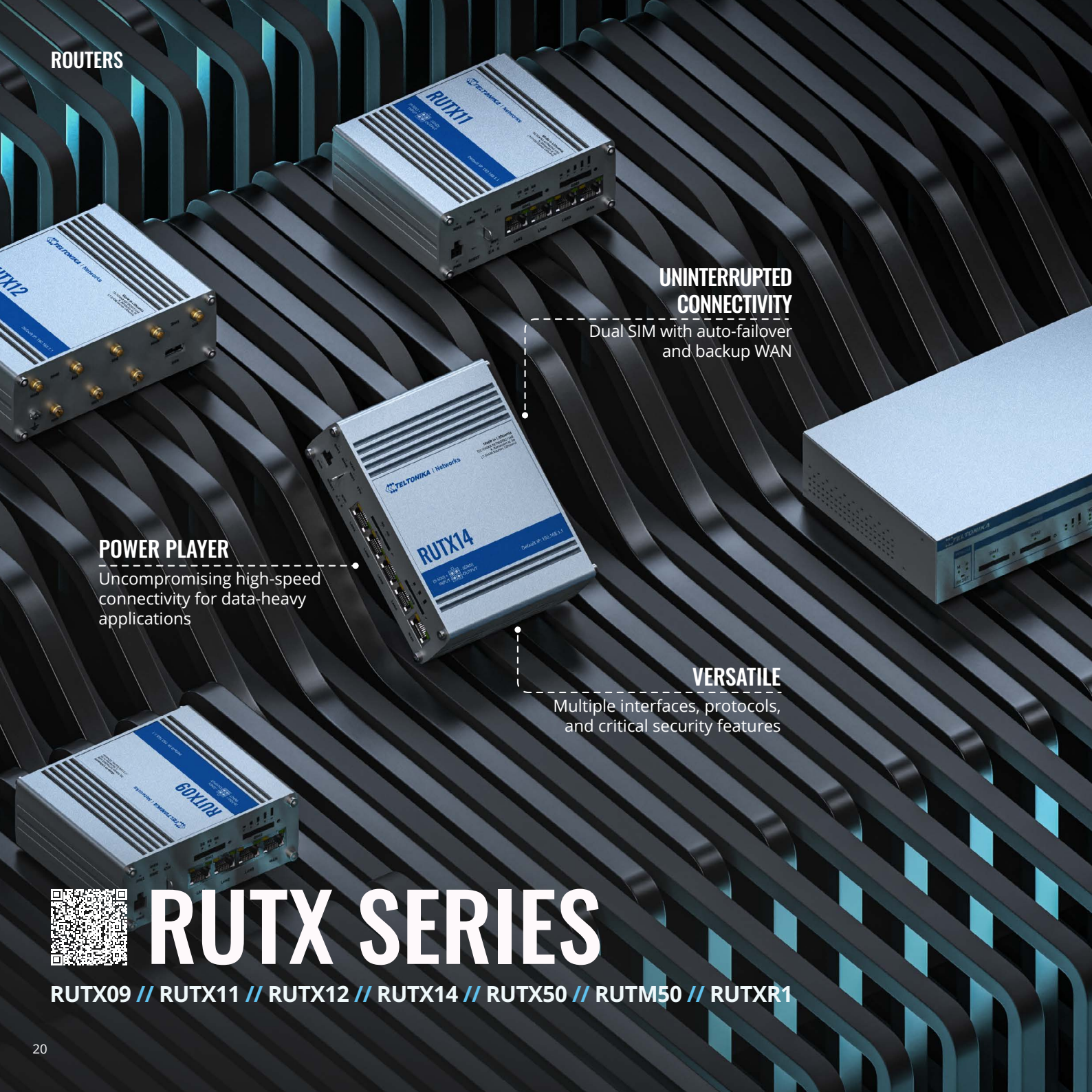
SEE OUR USE CASE
CATALOG



WHAT ABOUT
YOURS?



SHARE YOUR
SOLUTION



POWER PLAYER

Uncompromising high-speed connectivity for data-heavy applications

UNINTERRUPTED CONNECTIVITY

Dual SIM with auto-failover and backup WAN

VERSATILE

Multiple interfaces, protocols, and critical security features



RUTX SERIES

RUTX09 // RUTX11 // RUTX12 // RUTX14 // RUTX50 // RUTM50 // RUTXR1



RUTX09

INDUSTRIAL CELLULAR ROUTER

Mobile
4G/LTE (Cat 6), 3G

Flash memory & RAM
256 MB Flash, 256 MB RAM

Powering option
4-pin power socket, 9-50 VDC

Ethernet
4 x RJ45 ports, 10/100/1000 Mbps:
1 x WAN (configurable as LAN),
3 x LAN

Interfaces
1 x USB host; On 4-pin socket:
1 x Digital input, 1 x Digital open collector output; GNSS

Housing & mounting
Aluminium housing with DIN rail mounting option

Measurements & weight
115 x 44.2 x 95.1 mm, 455 g



RUTX11

INDUSTRIAL CELLULAR ROUTER

Mobile
4G/LTE (Cat 6), 3G

Flash memory & RAM
256 MB Flash, 256 MB RAM

Powering option
4-pin power socket, 9-50 VDC

Ethernet
4 x RJ45 ports, 10/100/1000 Mbps:
1 x WAN (configurable as LAN),
3 x LAN

Wi-Fi
IEEE 802.11b/g/n 2.4GHz, IEEE 802.11a/n/ac 5GHz, Access point (AP), Station (STA)

Interfaces
1 x USB host; On 4-pin socket:
1 x Digital input, 1 x Digital open collector output; GNSS

Bluetooth
4.0 (Low energy)

Housing & mounting
Aluminium housing with DIN rail mounting option

Measurements & weight
115 x 44.2 x 95.1 mm, 456 g



RUTX12

DUAL LTE CAT 6 INDUSTRIAL CELLULAR ROUTER

Mobile
2 x 4G/LTE (Cat 6), 3G

Flash memory & RAM
256 MB Flash, 256 MB RAM

Powering option
4-pin power socket, 9-50 VDC

Ethernet
5 x RJ45 ports, 10/100/1000 Mbps:
1 x WAN (configurable as LAN),
4 x LAN

Wi-Fi
IEEE 802.11b/g/n 2.4GHz, IEEE 802.11a/n/ac 5GHz, Access point (AP), Station (STA)

Interfaces
1 x USB host; On 4-pin socket:
1 x Digital input, 1 x Digital open collector output; GNSS

Bluetooth
4.0 (Low energy)

Housing & mounting
Aluminium housing with DIN rail mounting option

Measurements & weight
132 x 44.2 x 95.1 mm, 540 g



RUTX14

4G LTE CAT12 INDUSTRIAL CELLULAR ROUTER

- Mobile**
4G/LTE (Cat 12), 3G
- Flash memory & RAM**
256 MB Flash, 256 MB RAM
- Powering option**
4-pin power socket, 9-50 VDC
- Ethernet**
5 x RJ45 ports, 10/100/1000 Mbps:
1 x WAN (configurable as LAN),
4 x LAN
- Wi-Fi**
IEEE 802.11b/g/n 2.4GHz, IEEE 802.11a/n/ac 5GHz, Access point (AP), Station (STA)
- Interfaces**
1 x USB host; On 4-pin socket:
1 x Digital input, 1 x Digital open collector output; GNSS
- Bluetooth**
4.0 (Low energy)
- Housing & mounting**
Aluminium housing with DIN rail mounting option
- Measurements & weight**
132 x 44.2 x 95.1 mm, 515 g



RUTX50

INDUSTRIAL 5G ROUTER

- Mobile**
5G Sub-6Ghz SA/NSA, 4G/LTE (Cat 20), 3G
- Flash memory & RAM**
256 MB Flash, 256 MB RAM
- Powering option**
4-pin power socket, 9-50 VDC
- Ethernet**
5 x RJ45 ports, 10/100/1000 Mbps:
1 x WAN (configurable as LAN),
4 x LAN
- Wi-Fi**
IEEE 802.11b/g/n 2.4GHz, IEEE 802.11a/n/ac 5GHz, Access point (AP), Station (STA)
- Interfaces**
1 x USB host; On 4-pin socket:
1 x Digital input, 1 x Digital open collector output; GNSS
- Housing & mounting**
Aluminium housing with DIN rail mounting option
- Measurements & weight**
132 x 44.2 x 95.1 mm, 533 g



RUTXR1

ENTERPRISE RACK-MOUNTABLE SFP/LTE ROUTER

- Mobile**
4G/LTE (Cat 6), 3G
- Flash memory & RAM**
256 MB Flash, 256 MB RAM
- Powering option**
4-pin power socket, 9-50 VDC (main)
4-pin power socket, 9-50 VDC (redundant)
- Ethernet**
5 x RJ45 ports, 10/100/1000 Mbps:
1 x WAN (configurable as LAN),
4 x LAN
- Wi-Fi**
IEEE 802.11b/g/n 2.4GHz, IEEE 802.11a/n/ac 5GHz, Access point (AP), Station (STA)
- Interfaces**
1 x SFP; 1 x Console port;
1 x USB host
- Housing & mounting**
Aluminium housing with rack mounting option
- Measurements & weight**
272 x 42.6 x 122.6 mm, 1093 g



SINGLE-DIGIT LATENCY
Engineered for mission-critical applications

RUTM50



INDUSTRIAL 5G ROUTER

- Mobile**
5G Sub-6Ghz SA/NSA, 4G/LTE (Cat 19)
- Flash memory & RAM**
256 MB Flash, 256 MB RAM
- Powering option**
4-pin power socket, 9-50 VDC
- Ethernet**
5 x RJ45 ports, 10/100/1000 Mbps:
1 x WAN (configurable as LAN),
4 x LAN
- Wi-Fi**
IEEE 802.11b/g/n 2.4GHz, IEEE 802.11a/n/ac 5GHz, Access point (AP), Station (STA)
- Interfaces**
1 x USB host; On 4-pin socket:
1 x Digital input, 1 x Digital open collector output; GNSS
- Housing & mounting**
Aluminium housing with DIN rail mounting option
- Measurements & weight**
132 x 44.2 x 95.1 mm, 533 g

5G
Ultra-high cellular speeds of up to 3.4 Gbps

FUTURE-PROOF
Adaptable for the future, backward compatible with the past



TCR100

4G WI-FI ROUTER FOR HOME USER

- Mobile**
4G/LTE-A (Cat 6), 3G
- Flash memory & RAM**
16 MB Flash, 128 MB RAM

Powering option
4-pin power socket, 9-30 VDC

Ethernet
2 x 10/100 Mbps Ethernet ports:
1 x WAN (configurable as LAN),
1 x LAN

Wi-Fi
2.4 GHz (802.11 b/g/n, 2x2 MIMO),
5 GHz (802.11 ac, 1x1 MIMO),
Access Point (AP), Station (STA)

Housing & mounting
Plastic housing with aluminium
screws and heatsink with flat
mounting option

Measurements & weight
150 x 37 x 105 mm, 376 g

FLEXIBLE
OpenWrt-based system
for endless configuration
possibilities

FEATURE-RICH
Robust connectivity and
security features

TAKE IT HOME
Industrial-level experience
for comfortable home use



OTD140

OUTDOOR 4G ROUTER

- Mobile**
4G/LTE (Cat 4), 3G, 2G
- Flash memory & RAM**
16 MB Flash, 128 MB RAM

Powering option
RJ45 Socket, 42.5-57 VDC

Ethernet
2 x RJ45 ports, 10/100 Mbps
1 x PoE In
1 x PoE Out

Housing & mounting
IP55 plastic housing

Measurements & weight
110 x 49.30 x 235 mm, 855 g

POE-IN/OUT
Flexible powering options
& reduced cabling

DUAL SIM
Auto-failover for maximum
reliability

OUTDOOR DEPLOYMENT
IP55 plastic housing & integrated
mounting bracket



PASSIVE POE

Power supply centralization via LAN port for reduced complexity

VERSATILE

Multiple interfaces, including Ethernet ports, digital I/Os, and USB

RUTOS

Feature-rich operating system with advanced security features



ETHERNET ROUTERS

RUT301 // RUTX08 // RUTX10



RUT301

INDUSTRIAL ETHERNET ROUTER

Flash memory & RAM
16 MB Flash, 128 MB RAM

Powering option
4-pin power socket, 7-30 VDC

Ethernet
5 x 10/100 Ethernet ports:
1 x WAN,
4 x LAN

Interfaces
1 x USB host; On 4-pin socket:
1 x Digital input, 1 x Digital open collector output

Housing & mounting
Aluminium housing with DIN rail mounting option

Measurements & weight
100 x 30 x 85 mm, 229 g



RUTX08

INDUSTRIAL ETHERNET ROUTER

Flash memory & RAM
256 MB Flash, 256 MB RAM

Powering option
4-pin power socket, 9-50 VDC

Ethernet
4 x RJ45 ports, 10/100/1000 Mbps:
1 x WAN (configurable as LAN),
3 x LAN

Interfaces
1 x USB host; On 4-pin socket:
1 x Digital input, 1 x Digital open collector output

Housing & mounting
Aluminium housing with DIN rail mounting option

Measurements & weight
115 x 32.2 x 95.2 mm, 345 g



RUTX10

PROFESSIONAL ETHERNET ROUTER

Flash memory & RAM
256 MB Flash, 256 MB RAM

Powering option
4-pin power socket, 9-50 VDC

Ethernet
4 x RJ45 ports, 10/100/1000 Mbps:
1 x WAN (configurable as LAN),
3 x LAN

Wi-Fi
IEEE 802.11b/g/n 2.4GHz,
IEEE 802.11a/n/ac 5GHz

Bluetooth
4.0 (Low energy)

Interfaces
1 x USB host; On 4-pin socket:
1 x Digital input, 1 x Digital open collector output

Housing & mounting
Aluminium housing with DIN rail mounting option

Measurements & weight
115 x 32.2 x 95.2 mm, 355 g



TRB1 SERIES

TRB140 // TRB141 // TRB142 // TRB143 // TRB145



ADAPTABLE
Wide range of supported interfaces for added versatility

COMPACT
Easy to install, easy to use

COMPETITIVE PRICING
Pay only for exactly what you need



TRB140

INDUSTRIAL RUGGED LTE GATEWAY

- Mobile**
4G/LTE (Cat 4), 3G, 2G
- Flash memory & RAM**
512 MB Flash, 128 MB RAM
- Powering option**
4-pin power socket, 9-30 VDC
- Ethernet**
1 x RJ45 port, 10/100/1000 Mbps
- Interfaces**
1 x Micro USB slave; On 4-pin socket: 1 x Digital input, 1 x Digital open collector output (configurable)
- Housing & mounting**
Aluminium housing with DIN rail mounting option
- Measurements & weight**
74.5 x 25 x 64.4 mm, 134 g



TRB141

INDUSTRIAL RUGGED GPIO LTE GATEWAY

- Mobile**
4G/LTE (Cat 1), 3G, 2G
- Flash memory & RAM**
512 MB Flash, 128 MB RAM
- Powering option**
4-pin power socket, 9-30 VDC
- Interfaces**
On 4-pin socket: 1 x Digital input, 1 x Digital open collector output (configurable); On 16-pin socket: 1 x Isolated input, 1 x Single wire input, 1 x Analog input (with 4-20mA capability), 1 x Latching relay output, 1 x Non-latching relay output, 2 x Dry/Wet input (configurable); 1 x Micro USB slave
- Housing & mounting**
Aluminium housing with DIN rail mounting option
- Measurements & weight**
74.5 x 25 x 64.4 mm, 136 g



TRB142

INDUSTRIAL RUGGED LTE RS232 GATEWAY

- Mobile**
4G/LTE (Cat 1), 3G, 2G
- Flash memory & RAM**
512 MB Flash, 128 MB RAM
- Powering option**
4-pin power socket, 9-30 VDC
- Interfaces**
1 x RS232; 1 x Micro USB slave; On 4-pin socket: 1 x Digital input, 1 x Digital open collector output (configurable)
- Housing & mounting**
Aluminium housing with DIN rail mounting option
- Measurements & weight**
74.5 x 25 x 64.4 mm, 135 g

GATEWAYS



TRB143

M-BUS CELLULAR GATEWAY

Mobile
4G/LTE (Cat 1), 3G, 2G

Flash memory & RAM
512 MB Flash, 256 MB RAM

Powering option
4-pin power socket, 12-30 VDC

Ethernet
1 x RJ45 port, 10/100/1000 Mbps

Interfaces
1 x M-Bus interface; On 4-pin socket:
1 x Digital input, 1 x Digital open collector output (configurable)

Housing & mounting
Aluminium housing with DIN rail mounting option

Measurements & weight
74.5 x 25 x 73 mm, 145 g



TRB145

INDUSTRIAL RUGGED LTE RS485 GATEWAY

Mobile
4G/LTE (Cat 1), 3G, 2G

Flash memory & RAM
512 MB Flash, 128 MB RAM

Powering option
4-pin power socket, 9-30 VDC

Interfaces
1 x RS485; 1 x Micro USB slave;
On 4-pin socket: 1 x Digital input,
1 x Digital open collector output (configurable)

Housing & mounting
Aluminium housing with DIN rail mounting option

Measurements & weight
74.5 x 25 x 64.4 mm, 130 g

PREFER
TO
WATCH,
NOT
READ?



EXPLORE OUR YouTube CHANNEL



UNINTERRUPTED
CONNECTIVITY

Dual SIM with auto-failover
and backup WAN

COMPACT SIZE

All you need, right
in your pocket

VERSATILE

Wide range of supported
interfaces and I/Os



TRB2 SERIES

TRB246 // TRB256



TRB246

INDUSTRIAL M2M LTE GATEWAY

Mobile

4G/LTE (Cat 4), 3G, 2G

Flash memory & RAM

16 MB Flash, 128 MB RAM

Powering option

16-pin terminal, 9-30 VDC

Ethernet

1 x 10/100 Mbps Ethernet port

Interfaces

1 x RS232; 1 x RS485; On 16-pin
socket: 3 x Digital input/Digital open
collector output (configurable),
1 x Analog input; GNSS

Housing & mounting

Aluminium housing with DIN rail
mounting option

Measurements & weight

83 x 25 x 74.2 mm, 165 g

TRB256

INDUSTRIAL M2M GATEWAY

Mobile

4G/LTE (Cat M1), NB-IoT, EGPRS

Flash memory & RAM

16 MB Flash, 128 MB RAM

Powering option

16-pin terminal, 9-30 VDC

Ethernet

1 x 10/100 Mbps Ethernet port

Interfaces

1 x RS232; 1 x RS485; On 16-pin
socket: 3 x Digital input/Digital open
collector output (configurable),
1 x Analog input; GNSS

Housing & mounting

Aluminium housing with DIN rail
mounting option

Measurements & weight

83 x 25 x 74.2 mm, 165 g

MISSION-CRITICAL

Single-digit latency for mission-critical applications



TRB500

INDUSTRIAL 5G GATEWAY



- Mobile**
5G Sub-6Ghz SA/NSA, 4G/LTE (Cat 20), 3G
- Flash memory & RAM**
512 MB Flash, 256 MB RAM
- Powering option**
4-pin power socket, 9-30 VDC
- Ethernet**
1 x RJ45 port, 10/100/1000 Mbps
- Interfaces**
1 x Micro USB slave;
On 4-pin socket: 1 x Digital input,
1 x Digital open collector output (configurable)
- Housing & mounting**
Aluminium housing with DIN rail mounting option
- Measurements & weight**
100 x 30 x 93.4 mm, 241 g

COMPACT SIZE

The smallest 5G gateways in the market

5G

Ultra-high throughput of up to 1 Gbps

YOUR NEEDS, OUR ANSWERS

Over years of experience, we've strived to find the recipe for responding quickly to emerging market needs. We do not believe in compromising on the efficiency, reliability, and ease of use of our devices – our products reflect our visions and our values.

HEAD OF R&D
MANTAS ČIŽAUSKAS





POE+
Power supply centralization
for simplifying your solution

KEY PERFORMANCE
Gigabit Ethernet ports for
high-bandwidth data throughput



INDUSTRIAL DESIGN
Compact, sturdy, and easy to install –
perfect for industrial applications



POE+ SWITCHES

TSW100 // TSW101 // TSW200



TSW100

INDUSTRIAL UNMANAGED POE+ SWITCH

Powering option
4-pin power socket, 7-57 VDC (input
voltage range for PoE 44-57 VDC)

**PoE standart & Total PoE power
budget (at PSE)**
802.3af and 802.3at, 120 W

Ethernet
5 x RJ45 ports, 10/100/1000 Mbps:
4 x PoE, 1 x Uplink

Bandwidth (non-blocking)
10 Gbps

Housing & mounting
Aluminium housing with DIN rail
mounting option

Measurements & weight
115 x 32 x 95 mm, 350 g



TSW101

AUTOMOTIVE POE+ SWITCH

Powering option
2-pin power DC socket, 9-30 VDC
(input voltage range for
PoE 9-30 VDC)

**PoE standart & Total PoE power
budget (at PSE)**
802.3af and 802.3at, 60 W

Ethernet
5 x RJ45 ports, 10/100/1000 Mbps:
4 x PoE, 1 x Uplink

Bandwidth (non-blocking)
10 Gbps

Housing & mounting
Aluminium housing with DIN rail
mounting option

Measurements & weight
115 x 32 x 95 mm, 384 g



TSW200

INDUSTRIAL UNMANAGED POE+ SWITCH

Powering option
2-pin power socket, 7-57 VDC (input
voltage range for PoE 44-57 VDC)

**PoE standart & Total PoE power
budget (at PSE)**
802.3af and 802.3at, 240 W

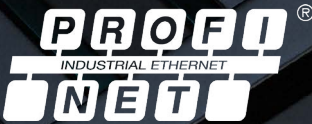
Ethernet
8 x RJ45 ports, 10/100/1000 Mbps

Bandwidth (non-blocking)
20 Gbps

Interfaces
2 x SFP

Housing & mounting
Aluminium housing; Integrated DIN
rail bracket (on a standart order
code)

Measurements & weight
132 x 44.2 x 95.1 mm, 517 g



FULL CONTROL

Manage your entire network's infrastructure

VERSATILITY

Gigabit Ethernet, SFP, PoE+, and more

PROFINET SUPPORT

Supports Profinet & other key communication protocols



MANAGED SWITCHES

TSW202 // TSW212



TSW202

MANAGED PoE+ SWITCH

Powering option

2-pin power socket, 7-57 VDC (input voltage range for PoE 44-57 VDC)

PoE standard & Total PoE power budget (at PSE)

802.3af and 802.3at, 240 W

Ethernet

8 x RJ45 ports, 10/100/1000 Mbps

Bandwidth (non-blocking)

20 Gbps

Interfaces

2 x SFP

Housing & mounting

Anodized aluminum housing and panels; Integrated DIN rail bracket (on a standart order code)

Measurements & weight

132 x 44.2 x 122.2 mm, 610 g



TSW212

MANAGED NETWORK SWITCH

Powering option

2-pin power socket, 7-57 VDC

Ethernet

8 x RJ45 ports, 10/100/1000 Mbps

Bandwidth (non-blocking)

20 Gbps

Interfaces

2 x SFP

Housing & mounting

Anodized aluminum housing and panels; Integrated DIN rail bracket (on a standart order code)

Measurements & weight

132 x 44.2 x 122.2 mm, 615 g

INDUSTRIAL-GRADE

Sturdy aluminium housing
resistant to vibrations and
extreme temperatures

PLUG N PLAY

No additional configuration
needed, no time wasted

ADAPTABLE

Wide voltage range and
DIN rail mounting



ETHERNET SWITCHES

TSW110 // TSW210 // TSW010 // TSW114 // TSW304



TSW110

L2 UNMANAGED SWITCH

Powering option

4-pin power socket, 9 - 30 VDC

Ethernet

5 x RJ45 ports, 10/100/1000 Mbps

Bandwidth (non-blocking)

10 Gbps

Housing & mounting

Aluminium housing with DIN rail
mounting option

Measurements & weight

100 x 30 x 85 mm, 227 g



TSW210

UNMANAGED INDUSTRIAL SWITCH

Powering option

2-pin power socket, 7-57 VDC

Ethernet

8 x RJ45 ports, 10/100/1000 Mbps

Bandwidth (non-blocking)

20 Gbps

Interfaces

2 x SFP

Housing & mounting

Aluminium housing; Integrated DIN
rail bracket (on a standart order
code)

Measurements & weight

132 x 44.2 x 95.1 mm, 500 g

SWITCHES



TSW010

DIN RAIL SWITCH

Powering option
2-pin power DC socket, 9 - 30 VDC

Ethernet
5 x RJ45 ports, 10/100 Mbps

Bandwidth (non-blocking)
1 Gbps

Housing & mounting
Anodized aluminium housing and panels; Integrated DIN rail bracket

Measurements & weight
113.1 x 27.4 x 80.5 mm, 146.5 g



TSW114

DIN RAIL SWITCH

Powering option
2-pin power DC socket, 9 - 30 VDC

Ethernet
5 x RJ45 ports, 10/100/1000 Mbps

Bandwidth (non-blocking)
10 Gbps

Housing & mounting
Anodized aluminium housing and panels; Integrated DIN rail bracket

Measurements & weight
113.1 x 27.4 x 80.5 mm, 174 g



TSW304

DIN RAIL SWITCH

Powering option
2-pin power DC socket, 7 - 57 VDC / 9 - 40 VAC

Ethernet
4 x RJ45 ports, 10/100/1000 Mbps

Bandwidth (non-blocking)
8 Gbps

Housing & mounting
Anodized aluminium housing and panels; Integrated DIN rail bracket

Measurements & weight
102 x 25 x 81.5 mm, 210 g

ALWAYS TESTING,
ALWAYS IMPROVING

We work tirelessly to ensure the utmost security of our products, continuously search for and manage vulnerabilities, perform penetration tests, and act as watchdogs in the software design process. When the product is in your hands, you can trust its security wasn't handled lightly.

HEAD OF CYBER SECURITY
DEIVIDAS VYŠNIAUSKAS



ACCESS POINTS

POE-IN

Can be powered by active PoE devices via RJ45 port

EASY INSTALLATION

Integrated mounting bracket for easy ceiling setup

SLEEK DESIGN

UV-stabilized plastic housing that blends in with its environment



ACCESS POINTS

TAP100 // TAP200

ACCESS POINTS



TAP100

WI-FI ACCESS POINT

Flash memory & RAM
16 MB Flash, 128 MB RAM

Powering option
RJ45 Socket, 44-57 V

PoE standard
802.3af PoE Class 1

Ethernet
1 x RJ45 port 10/100 Mbps

Wi-Fi
IEEE 802.11b/g/n 2.4GHz

Housing & mounting
UV-stabilized plastic; integrated AP mounting bracket (for ceiling mount)

Measurements & weight
Ø 158 mm x 30 mm, 190 g



TAP200

WI-FI 5 ACCESS POINT

Flash memory & RAM
16 MB Flash, 128 MB RAM

Powering option
RJ45 Socket, 44-57 V

PoE standard
802.3af PoE Class 1

Ethernet
1 x RJ45 port 10/100/1000 Mbps

Wi-Fi
IEEE 802.11b/g/n 2.4GHz,
IEEE 802.11a/n/ac 5GHz

Housing & mounting
UV-stabilized plastic; integrated AP mounting bracket (for ceiling mount)

Measurements & weight
Ø 158 mm x 30 mm, 190 g



MISSION-FOCUSED

Reliable modem for a single device, no bells and whistles

SPECIALISED DESIGN

Compact, sturdy, and easy to install – perfect for industrial applications

PLUG N PLAY

No additional configuration needed, no time wasted



TRM2 SERIES

TRM240 // TRM250



TRM240

INDUSTRIAL CELLULAR MODEM

Mobile

4G/LTE (Cat1), 3G, 2G

Powering option

MicroUSB, 5 VDC

SIM

1 x Internal SIM holder (2FF)

Interfaces

1 x Micro USB slave

Ingress protection rate

IP30

Housing & mounting

Aluminium housing with DIN rail mounting option

Measurements & weight

74.5 x 25 x 64.5 mm, 131 g



TRM250

INDUSTRIAL CELLULAR MODEM

Mobile

4G/LTE (Cat M1), NB-IoT, 2G

Powering option

MicroUSB, 5 VDC

SIM

1 x Internal SIM holder (2FF)

Interfaces

1 x Micro USB slave

Ingress protection rate

IP30

Housing & mounting

Aluminium housing with DIN rail mounting option

Measurements & weight

74.5 x 25 x 64.5 mm, 130 g

DEVICE COMPARISON

Products key features	ROUTERS															
	RUT200	RUT241	RUT260	RUT361	RUT901	RUT906	RUT951	RUT956	RUTX09	RUTX11	RUTX12	RUTX14	RUTX50	RUTM50	RUTXR1	TCR100
5G													•	•		
4G/LTE category	Cat4	Cat4	Cat6	Cat6	Cat4	Cat4	Cat4	Cat4	Cat6	Cat6	2xCat6	Cat12	Cat20	Cat19	Cat6	Cat6
3G	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•
2G	•	•			•	•	•	•								
CPU (MHz)	580	580	580	580	580	580	580	580	4x717	4x717	4x717	4x717	4x717	4x717	4x717	650
RAM (MB)	128	128	128	128	128	128	128	128	256	256	256	256	256	256	256	128
Flash memory (MB)	16	16	16	16	16	16	16	16	256	256	256	256	256	256	256	16
Passive PoE	•	•	•		•	•	•	•	•	•	•	•	•	•		
Power voltage (VDC)	9-30	9-30	9-30	9-30	9-30	9-30	9-30	9-30	9-50	9-50	9-50	9-50	9-50	9-50	2x(9-50)	9-30
SIM card slots	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1
Ethernet ports	2	2	2	2	4	4	4	4	4	4	5	5	5	5	5	2
Ethernet speed (Mbps)	100	100	100	100	100	100	100	100	1000	1000	1000	1000	1000	1000	1000	100
Wi-Fi standard	n	n	n	n	n	n	n	n		ac	ac	ac	ac	ac	ac	ac
GNSS							•	•	•	•	•	•	•	•		
Inputs/Outputs	2	2	2	2	2	7	2	7	2	2	2	2	2	2		
RS232						•		•								
RS485						•		•								
Bluetooth										•	•	•				
USB						Host		Host	Host	Host	Host	Host	Host	Host	Host	
DIN rail mounting	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Rack mounting															•	
Flat surface mounting	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•
Grounding terminal									•	•	•	•	•	•	•	
RMS support	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RutOS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
M-Bus																

Products key features	ROUTERS				GATEWAYS								MODEMS			ACCESS POINTS	
	OTD140	RUT301	RUTX08	RUTX10	TRB140	TRB141	TRB142	TRB143	TRB145	TRB246	TRB256	TRB500	TRM240	TRM250		TAP100	TAP200
5G												•					
4G/LTE category	Cat4				Cat4	Cat1	Cat1	Cat1	Cat1	Cat4	M1/NB	Cat20	Cat1	M1/NB			
3G	•				•	•	•	•	•	•		•	•				
2G	•				•	•	•	•	•	•	•		•	•			
CPU (MHz)	580	650	4x717	4x717	1200	1200	1200	1300	1200	580	580	1500				580	580
RAM (MB)	128	64	256	256	128	128	128	256	128	128	128	256				128	128
Flash memory (MB)	16	16	256	256	512	512	512	512	512	16	16	512				16	16
Passive PoE		•	•	•	•			•									
PoE in	802.3af/at															802.3af	802.3af
Power voltage (VDC)	42.5–57	7-30	9-50	9-50	9-30	9-30	9-30	12-30	9-30	9-30	9-30	9-30	5	5		44-57	44-57
SIM card slots	2				1	1	1	1	1	2	2	1	1	1			
Ethernet ports	2	5	4	4	1			1		1	1	1				1	1
Ethernet speed (Mbps)	100	100	1000	1000	1000			1000		100	100	1000				100	1000
Wi-Fi standard				ac												n	ac
GNSS										•	•						
Inputs/Outputs		2	2	2	2	8	2	2	2	4	4	2					
RS232							•			•	•						
RS485									•	•	•						
Bluetooth				•													
USB		Host	Host	Host	Slave	Slave	Slave		Slave			Slave	Slave	Slave			
DIN rail mounting		•	•	•	•	•	•	•	•	•	•	•	•	•			
Rack mounting																	
Flat surface mounting	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
Grounding terminal			•	•													
Sleep mode													•	•			
RMS support	•	•	•	•	•	•	•	•	•	•	•	•				•	•
RutOS	•	•	•	•	•	•	•	•	•	•	•	•				•	•
M-Bus																	

DEVICE COMPARISON

Products key features	SWITCHES									
	TSW100	TSW101	TSW200	TSW202	TSW110	TSW210	TSW212	TSW010	TSW114	TSW304
Managed				•			•			
MRP				•			•			
STP/RSTP				•			•			
Profinet				•			•			
EtherNet/IP				•			•			
QOS				•			•			
Passive PoE in					•			•	•	•
PoE out	802.3af/at	802af/at	802.3af/at	802.3af/at						
Power voltage (VDC)	7-57	9-30	7-57	7-57	9-30	7-57	7-57	9-30	9-30	7-57
Ethernet ports	5	5	8	8	5	8	8	5	5	4
SFP ports			2	2		2	2			
Ethernet speed (Mbps)	1000	1000	1000	1000	1000	1000	1000	100	1000	1000
DIN rail mounting	•	•	•	•	•	•	•	•	•	•
Flat surface mounting	•	•	•	•	•	•	•			
Grounding terminal	•	•	•	•	•	•	•		•	•
RMS				•			•			

POWERING OPTIONS



Power supply, 9 W
EU: PR3PUEU3 // UK: PR3PUUK3
AU: PR3PUAU3 // US: PR3PUUS3



2-pin power supply, 9 W
EU: PR3PREU6 // UK: PR3PRUK6
AU: PR3PRAU6 // US: PR3PRUS6



Power supply, 18 W
EU: PR3PXEU3 // UK: PR3PXUK3
AU: PR3PXAU3 // US: PR3PXUS3



Power supply, 24 W
EU: PR3P2EU3 // UK: PR3P2UK3
AU: PR3P2AU3 // US: PR3P2US3



Power supply, 62 W
EU: PR3PWEU3 // UK: PR3PWUK3
AU: PR3PWAU3 // US: PR3PWUS3



2-pin power supply, 62 W
EU: PR317EUA // UK: PR317UKA
AU: PR317AUA // US: PR317USA



Power supply, 130 W
EU: PR313EU3 // UK: PR313UK3
AU: PR313AU3 // US: PR313US3



2-pin power supply, 130 W
Order code: PR318EUA



2-pin power supply, 250 W
EU: PR320EUA // UK: PR320UKA
AU: PR320AUA // US: PR320USA



Universal power supply, 9 W
Order code: PR3PUPS3



Automotive power supply
Order code: PR2AM20M



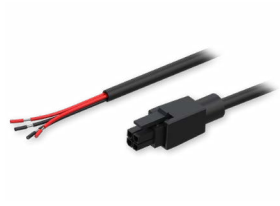
BAT120 - uninterruptible power supply
Order code: BAT120000000



DIN rail power supply
Order code: PR3PDNP0



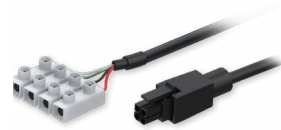
DIN rail power supply, 15 W
Order code: PR321NP0



Power cable with 4-way open wire
Order code: PR2PL15B



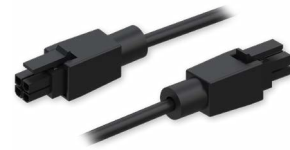
4-pin plug with contact terminals
Order code: PR4MK04K



Power cable with 4-way screw terminal
Order code: PR2FK20M



4-pin power adapter with I/O access
Order code: PR5MEC21



4-pin to 4-pin power cable
Order code: PR2PP10B



4-pin to barrel socket adapter
Order code: PR2PD01B

MOUNTING OPTIONS



Compact DIN rail kit
Order code: PR5MEC11



DIN rail kit adapter
Order code: PR5MEC23



DIN rail kit
Order code: PR5MEC00



Rack mounting kit
Order code: PR5MEC26



Surface clip holder kit
Order code: PR5MEC22



Surface mounting kit
Order code: PR5MEC12



TSW1 rear panel with DIN rail holder
Order code: PR5MEC24



TSW2 rear panel with DIN rail holder
Order code: PR5MEC25

ANTENNA OPTIONS



5G Combo MIMO mobile/GNSS/Wi-Fi roof SMA antenna
Order code: PR1KC640



5G mobile magnetic SMA antenna
Order code: PR1KS536



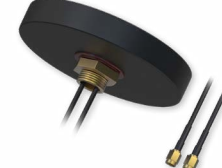
5G mobile SMA antenna
Order code: PR1US540



Bluetooth magnetic SMA antenna
Order code: PR1KRT25



GNSS adhesive SMA antenna
Order code: PR1KSG30



Combo MIMO mobile roof SMA antenna
Order code: PR1KCL25



Combo MIMO mobile/GNSS/Wi-Fi roof SMA antenna
Order code: PR1KCO28



Combo QUAD mobile/GNSS roof SMA antenna
Order code: PR1KCL28



Combo SISO mobile/GNSS/Wi-Fi roof SMA antenna
Order code: PR1KCS28



Mobile magnetic SMA antenna
Order code: PR1KS210



Mobile SMA antenna
Order code: PR1US440



SMA cable extension
Order code: PR2VM20M



Wi-Fi dual-band magnetic SMA antenna
Order code: PR1KRD30



Wi-Fi dual-band SMA antenna
Order code: PR14RD35



Wi-Fi magnetic SMA antenna
Order code: PR1KRF30



Wi-Fi SMA antenna
Order code: PR1URF51



Crowd-support forum
community.teltonika-networks.com



Wiki knowledge base
wiki.teltonika-networks.com

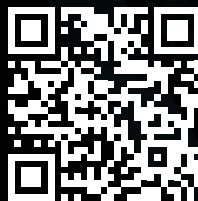


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