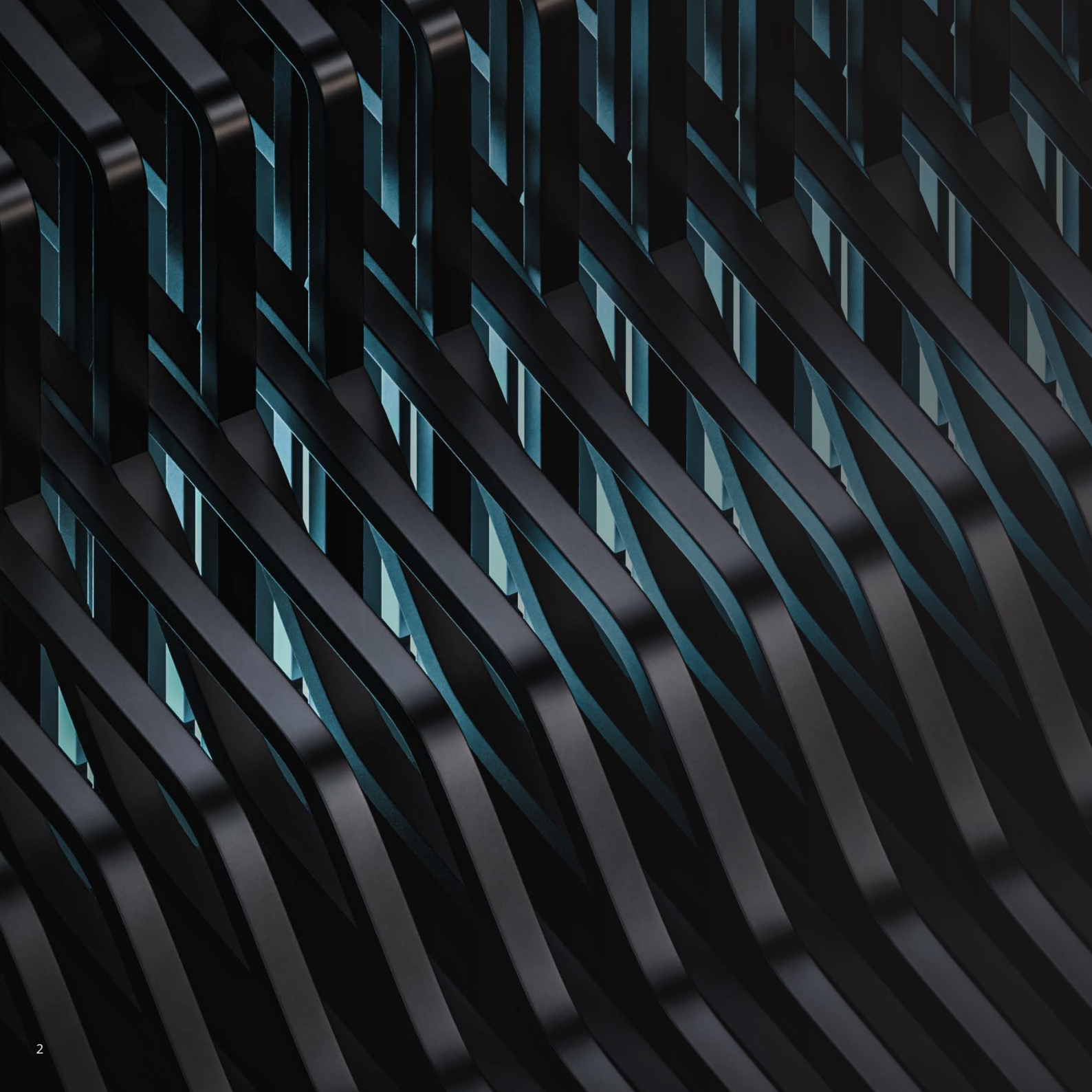


# PRODUCT CATALOG





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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?

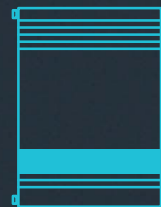
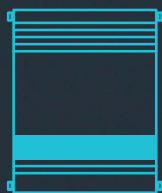
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## WE HELP YOU CONNECT

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**

**+5**

**+5**

**+5**

**+12**

**+10**

**2018**

**2019**

**2020**

**2021**

**2022**

**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

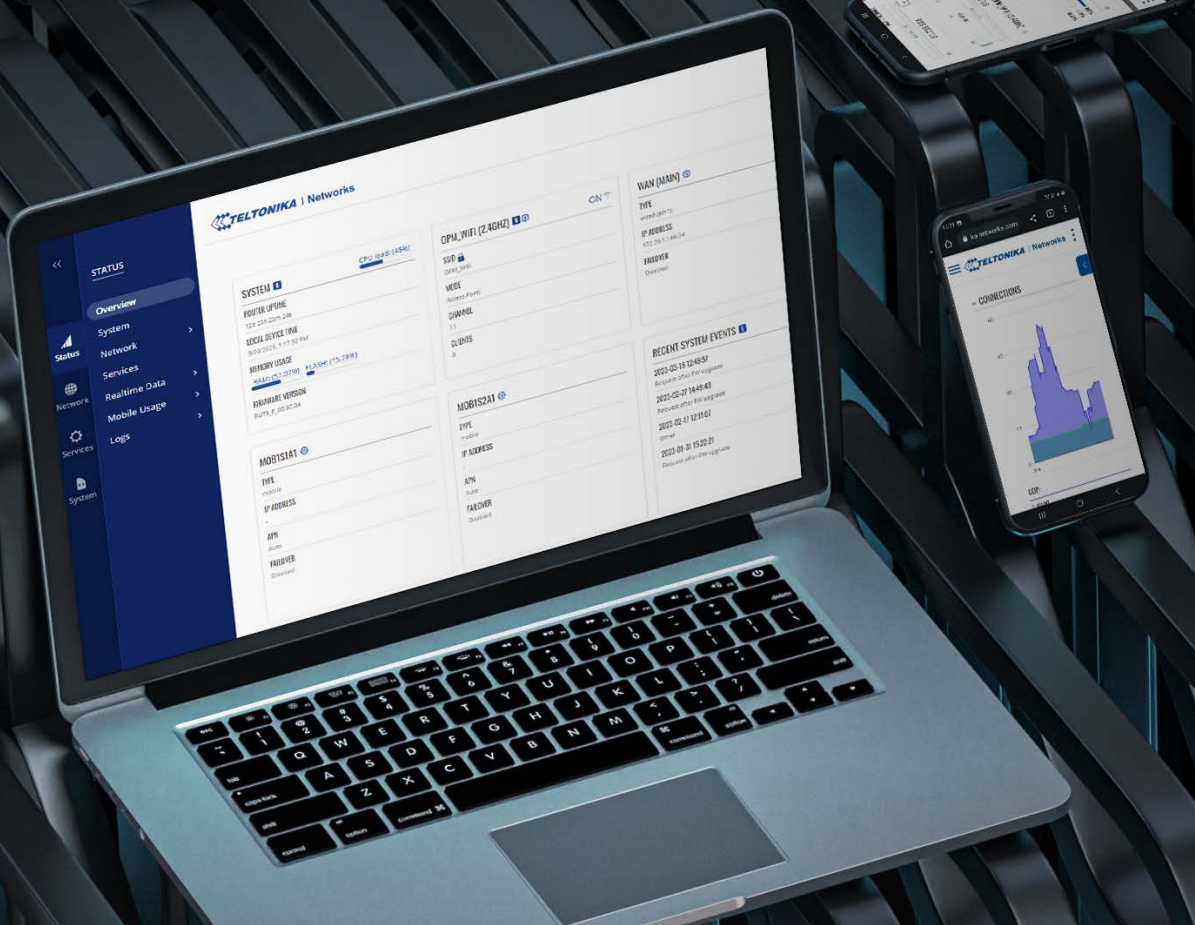
From concept to the finished product – we develop everything in-house to ensure maximum quality and efficiency.



FANUC Robot  
LR Mate 200iD  
7L

3-816





# 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

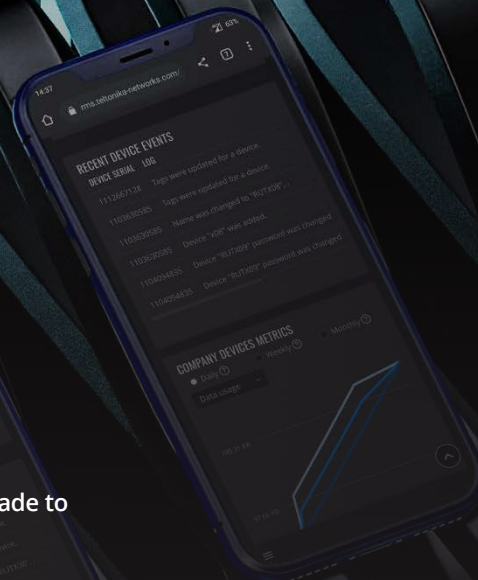
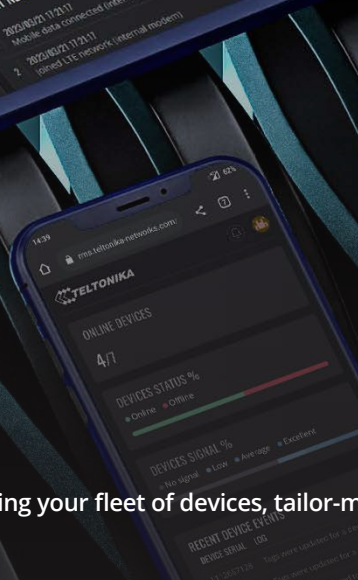
Time sync services	NTP (server, client), GNSS, Mobile operator.
Other services	I/O control, location services, WoL, network topology, ethernet ports control
Industrial protocols	Modbus, BACnet, DNP3, M-Bus, OPC UA, DLMS
Communication & monitoring	JSON-RPC, MQTT (broker, publisher, subscriber, Azure MQTT, 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 multitenancy 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

## ROUTERS

### NAT FEATURE

For creating isolated networks within existing networks

### INDUSTRIAL DESIGN

Integrated DIN rail and a 3-pin power connector

### RMS

Remote management, access & VPN services



# RUT1 SERIES

RUT140 // RUT142



# RUT140

INDUSTRIAL ETHERNET ROUTER

## Flash memory & RAM

16 MB flash, 128 MB RAM

## Powering option

3-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)

## Housing & mounting

Anodized aluminium housing and  
panels; Integrated DIN rail bracket

## Measurements & weight

113.10 x 25 x 68.6 mm, 142.3 g



# RUT142

RS232 INDUSTRIAL ROUTER

## Flash memory & RAM

16 MB flash, 128 MB RAM

## Powering option

3-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

RS232

## Housing & mounting

Anodized aluminium housing and  
panels; Integrated DIN rail bracket

## Measurements & weight

113.10 x 25 x 68.6 mm, 149.2 g



## ROUTERS

### 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

## ROUTERS



# 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!



## ROUTERS

### 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



# WHAT ABOUT YOURS?



SHARE YOUR  
SOLUTION

A man with short brown hair and a light blue button-down shirt stands in a modern office environment. He is looking directly at the camera with a slight smile. His left hand is in his pocket, and he is wearing a watch. The background features white walls and dark vertical panels.

# 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.

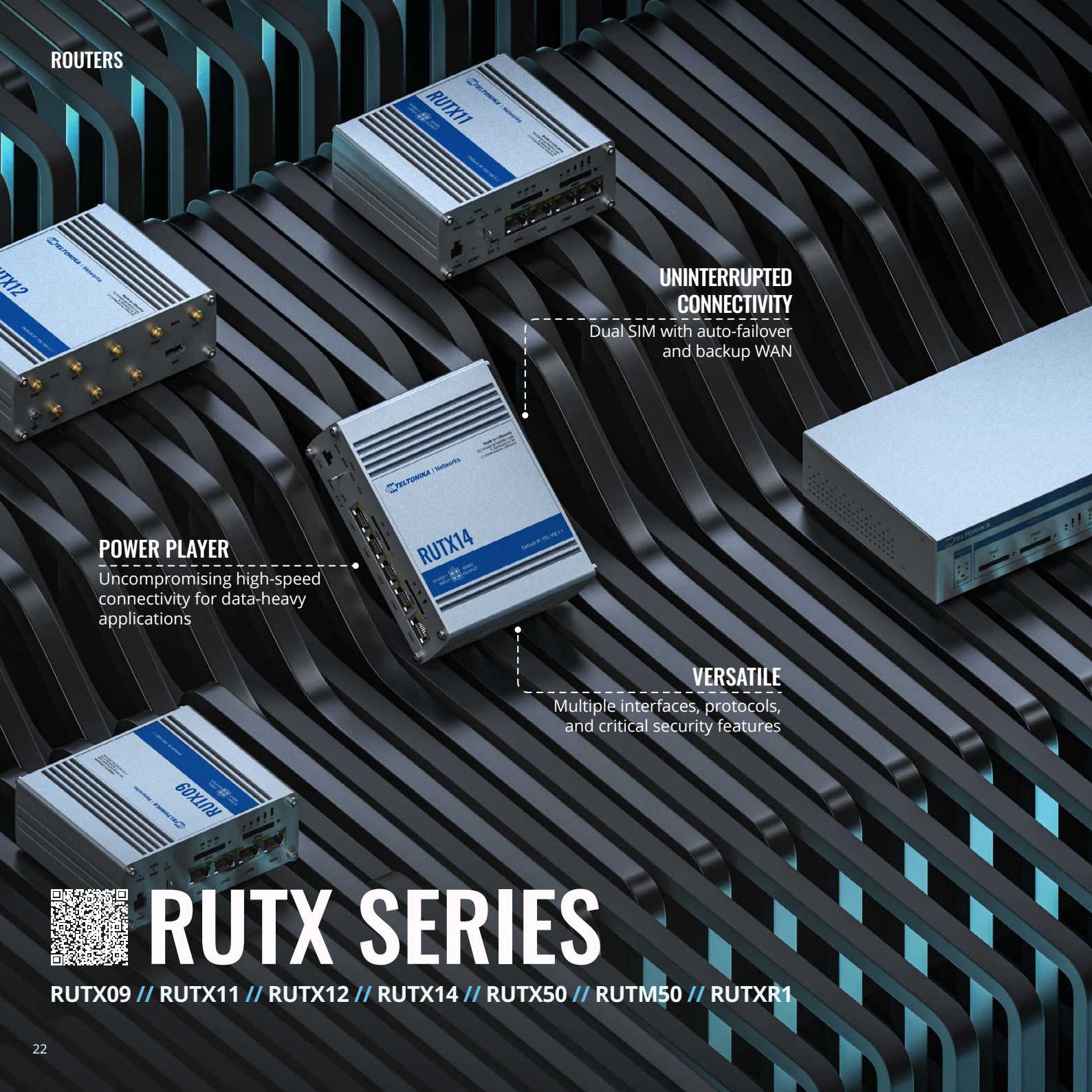
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## HEAD OF CYBER SECURITY

DEIVIDAS VYŠNIAUSKAS



## ROUTERS



### UNINTERRUPTED CONNECTIVITY

Dual SIM with auto-failover  
and backup WAN

### POWER PLAYER

Uncompromising high-speed  
connectivity for data-heavy  
applications

### 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

ROUTERS



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



**TELTONIKA** | Networks

Made in Lithuania  
TELTONIKA NETWORKS UAB  
K. Barsauskio st. 66  
LT-51436 Kaunas, Lithuania

**RUTM50**

(9-50 VDC) + (GND)  
INPUT OUTPUT

Default IP: 192.168.1.1

**5G**

Ultra-high cellular speeds  
of up to 3.4 Gbps

**FUTURE-PROOF**

Adaptable for the future,  
backward compatible with  
the past



## ROUTERS



# 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



### OUTDOOR DEPLOYMENT

IP55 plastic housing & integrated mounting bracket

### POE-IN/OUT

Flexible powering options & reduced cabling

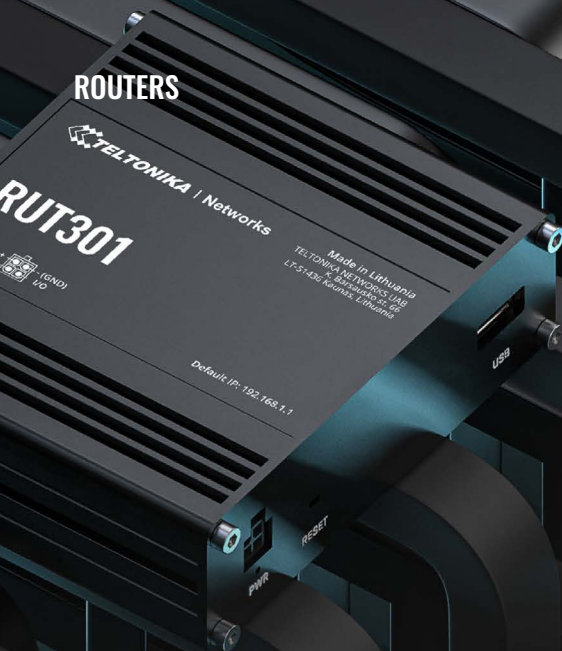
### DUAL SIM

Auto-failover for maximum reliability





## ROUTERS



### 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



**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



# TRB1 SERIES

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



# 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





# 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



EXPLORE OUR YouTube CHANNEL



## GATEWAYS

### 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

## GATEWAYS

### 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

A portrait of a man with short brown hair and a light beard, wearing a dark blue button-down shirt and grey trousers with a black belt. He is standing with his arms crossed in a modern office setting with grey and white walls and a dark floor.

# 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.

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**HEAD OF R&D**  
MANTAS ČIŽAUSKAS



## SWITCHES

### KEY PERFORMANCE

Gigabit Ethernet ports for high-bandwidth data throughput

### POE+

Power supply centralization for simplifying your solution

### INDUSTRIAL DESIGN

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



## TSW040

8-PORT POE+ SWITCH

### Powering option

2-pin industrial DC power socket, 7 – 57 VDC (Input voltage range for PoE >44 VDC)

### PoE standard & Total PoE power budget (at PSE)

802.3af and 802.3at compliant PSE ports, over spare pairs - Mode B

### Ethernet

8 x RJ45 ports, 10/100 Mbps

### Bandwidth (non-blocking)

20 Gbps

### Housing & mounting

Anodized aluminum housing; Integrated DIN rail bracket, wall mount, flat surface (additional kit needed)

### Measurements & weight

113.1 x 41.2 x 74.6 mm, 280 g



# PoE+ SWITCHES

TSW040 // 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

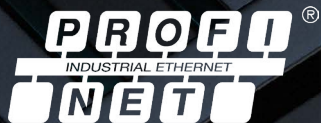
Aluminium housing; Integrated DIN rail bracket (on a standart order code)

## Measurements & weight

132 x 44.2 x 95.1 mm, 517 g



SWITCHES



### 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

### PPowering 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

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

## SWITCHES



### 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 // TSW030



# 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



# 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



SWITCHES



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



TSW030

8-PORT ETHERNET SWITCH

- Powering option**  
2-pin industrial DC power socket, 7 - 57 VDC
- Ethernet**  
8 x RJ45 ports, 10/100 Mbps
- Bandwidth (non-blocking)**  
20 Gbps
- Housing & mounting**  
Anodized aluminum housing; Integrated DIN rail bracket, wall mount, flat surface (additional kit needed)
- Measurements & weight**  
113.1 x 41.2 x 74.6 mm, 256 g



# TSF010

## FLAT ETHERNET SWITCH

### Powering option

3-pin power socket, 7-57 VDC

### Ethernet

5 x RJ45 ports, 10/100 Mbps

### Housing & mounting

Anodized aluminum housing and panels with Integrated DIN rail bracket

### Measurements & weight

113 x 28 x 50 mm, 142 g

### FLAT & COMPACT

Flat and compact design weighing only 142 g

### FLEXIBLE

Tailor-made for industrial use

### INTEGRATED DIN RAIL BRACKET

Easy mounting for plug-and-play deployment



## 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





## 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																
	RUT140	RUT142	RUT200	RUT241	RUT260	RUT361	RUT901	RUT906	RUT951	RUT956	RUTX09	RUTX11	RUTX12	RUTX14	RUTX50	RUTM50	RUTXR1
5G															•	•	
4G/LTE category			Cat4	Cat4	Cat6	Cat6	Cat4	Cat4	Cat4	Cat4	Cat6	Cat6	2xCat6	Cat12	Cat20	Cat19	Cat6
3G			•	•	•	•	•	•	•	•	•	•	•	•	•		•
2G			•	•			•	•	•	•							
CPU (MHz)	580	580	580	580	580	580	580	580	580	580	2x880	2x880	4x717	4x717	4x717	2x880	4x717
RAM (MB)	128	128	128	128	128	128	128	128	128	128	256	256	256	256	256	256	256
Flash memory (MB)	16	16	16	16	16	16	16	16	16	16	256	256	256	256	256	256	256
Passive PoE	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	
PoE in																	
Power voltage (VDC)	9 -- 30	9 -- 30	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)
SIM card slots			1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
Ethernet ports	2	2	2	2	2	2	4	4	4	4	4	4	5	5	5	5	5
Ethernet speed (Mbps)	100	100	100	100	100	100	100	100	100	100	1000	1000	1000	1000	1000	1000	1000
Wi-Fi standard			n	n	n	n	n	n	n	n		ac	ac	ac	ac	ac	ac
GNSS								•		•	•	•	•	•	•	•	
Inputs/Outputs			2	2	2	4	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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
AP mounting bracket																	
Grounding terminal	•	•									•	•	•	•	•	•	•
RMS support			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RutOS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
M-Bus																	

Products key features	ROUTERS				GATEWAYS									MODEMS		ACCESS POINTS	
	TCR100	OTD140	RUT301	RUTX08	RUTX10	TRB140	TRB141	TRB142	TRB143	TRB145	TRB246	TRB256	TRB500	TRM240	TRM250	TAP100	TAP200
5G													•				
4G/LTE category	Cat6	Cat4				Cat4	Cat1	Cat1	Cat4	Cat1	Cat4	M1/NB	Cat20	Cat1	M1/NB		
3G	•	•				•	•	•	•	•	•		•	•			
2G		•				•	•	•	•	•	•	•		•	•		
CPU (MHz)	650	580	580	2x880	2x880	1200	1200	1200	1300	1200	580	580	1500			580	2x880
RAM (MB)	128	128	128	256	256	128	128	128	256	128	128	128	256			64	256
Flash memory (MB)	16	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)	9 -- 30	42.5–57	9 -- 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	1	2				1	1	1	1	1	2	2	1	1	1		
Ethernet ports	2	2	5	4	4	1			1		1	1	1			1	1
Ethernet speed (Mbps)	100	100	100	1000	1000	1000			1000		100	100	1000			100	1000
Wi-Fi standard	ac				ac											n	ac
GNSS											•	•					
Inputs/Outputs			4	2	2	2	8	2	2	2	6	6	2				
RS232									•		•	•					
RS485										•	•	•					
Bluetooth																	
USB			Host	Host	Host	Client	Client	Client		Client			Client	Client	Client		
DIN rail mounting			•	•	•	•	•	•	•	•	•	•	•	•	•		
Rack mounting																	
Flat surface mounting		•	•	•	•	•	•	•	•	•	•	•	•	•	•		
AP mounting bracket																•	•
Grounding terminal				•	•												
RMS support	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•
RutOS	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•
M-Bus									•								

# DEVICE COMPARISON

Products key features	SWITCHES												
	TSW100	TSW101	TSW200	TSW202	TSW110	TSW210	TSW212	TSW010	TSW114	TSW304	TSW030	TSW040	TSF010
Managed				•			•						
MRP				•			•						
STP/RSTP				•			•						
Profinet				•			•						
EtherNet/IP				•			•						
QOS				•			•						
Passive PoE in					•			•	•	•			
PoE out	802.3af/at		802af/at	802.3af/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	7 - 57	7 - 57	7 - 57
Ethernet ports	5	5	8	8	5	8	8	5	5	4	8	8	5
SFP ports			2	2		2	2						
Ethernet speed (Mbps)	1000	1000	1000	1000	1000	1000	1000	100	1000	1000	100	100	100
DIN rail mounting	•	•	•	•	•	•	•	•	•	•	•	•	•
Flat surface mounting	•	•	•	•	•	•	•	•	•	•	•	•	
Grounding terminal	•	•	•	•	•	•	•		•	•	•	•	•
RMS				•			•						
WhichOS				•			•						



# 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



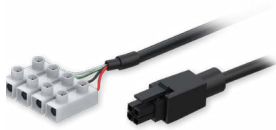
## Power cable with 4-way open wire

Order code: PR2PL15B



## 4-pin plug with contact terminals

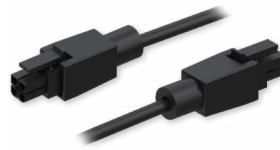
Order code: PR4MK04K



**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





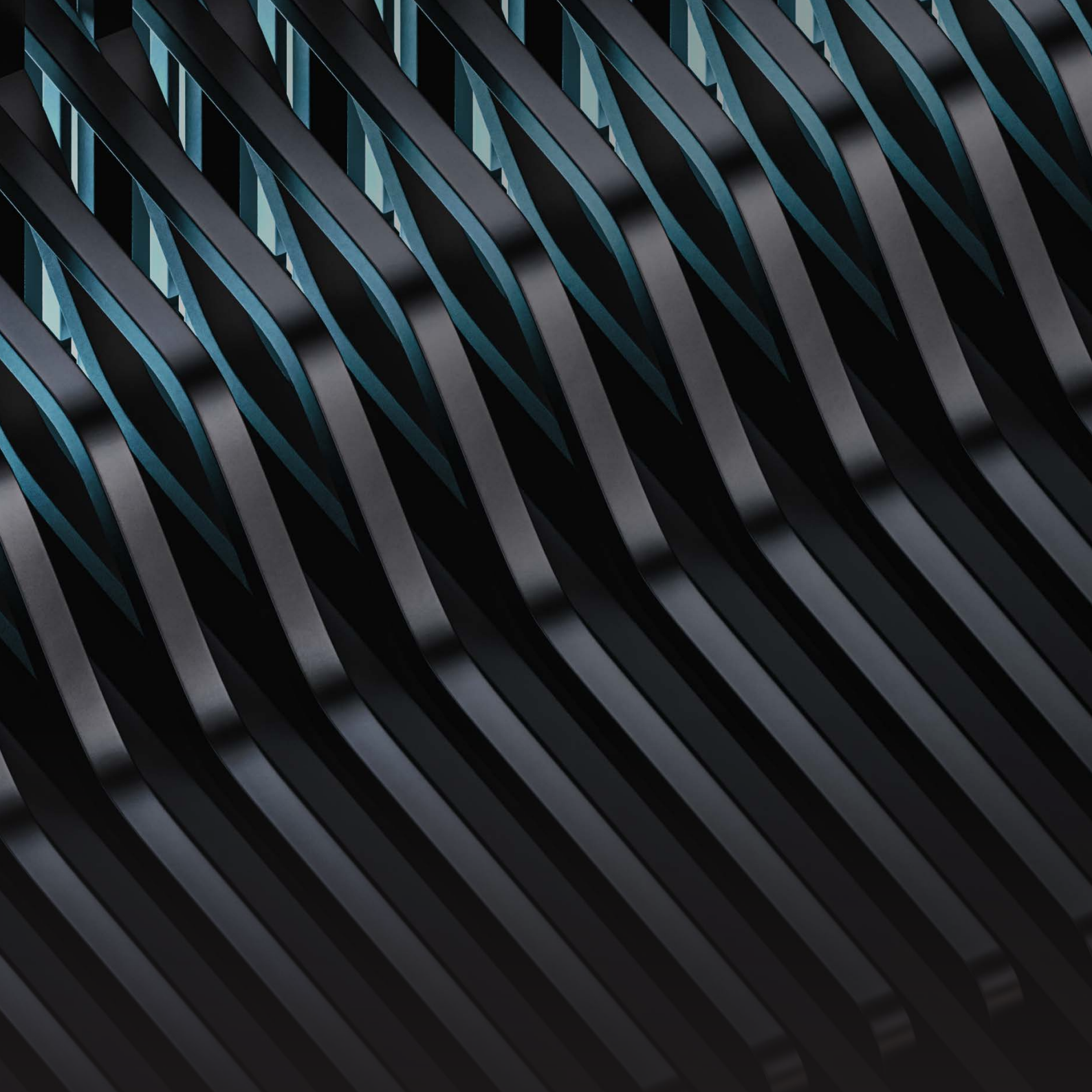
**Crowd-support forum**  
[community.teltonika-networks.com](https://community.teltonika-networks.com)



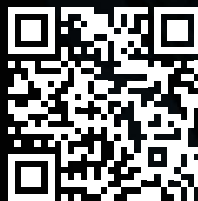
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