

PRODUCT CATALOG 2023

STELTONIKA / Notwork

TIM

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WHO WE ARE?

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 communica-tion, 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.

YEARS BUSINESS

WHAT WE OFFER?

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.



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 Moletai, 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

IN EUROPE

500K MONTHLY Manufacturing Capacity

FROM CONCEPT TO THE FINISHED PPDDUCT

EXPERIENCE

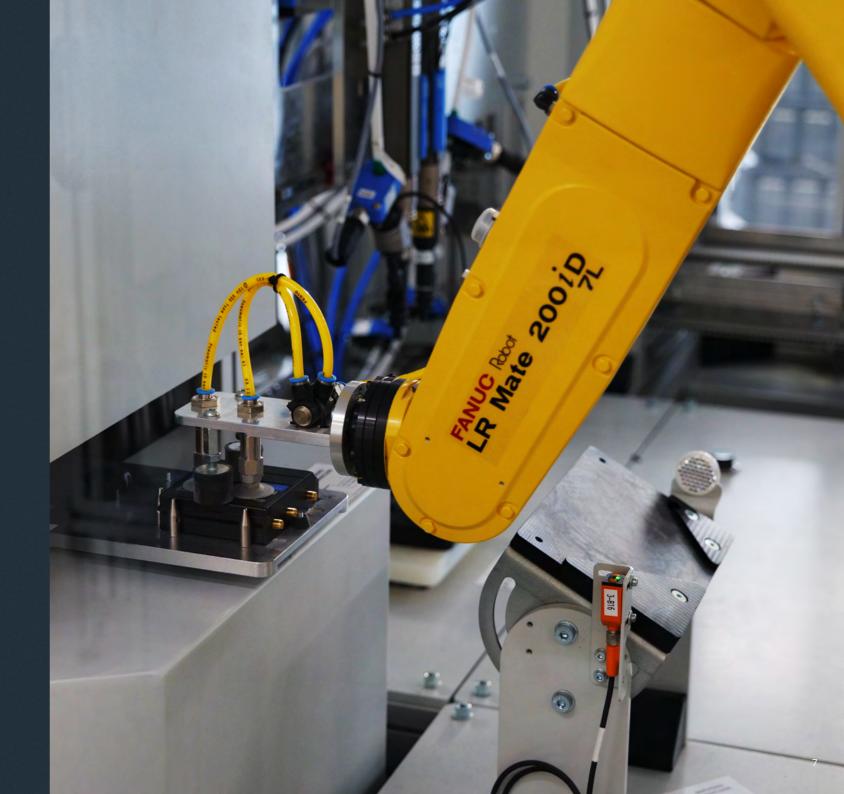
For more than 25 years we have been providing reliable Industrial IOT & M2M connectivity solutions that are secure and easy to use.

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

STELTO.

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

Ш	Mobile modes	Bridge, Passthrough, NAT					
10B	Mobile features	Auto SIM switching, SMS & Call c					
2	Mobile communication control	Operator whitelist and blacklist					
ESS	Wireless modes	HotSpot, access point (AP), statio					
WIRELESS	Wireless security	WPA3-EAP, WPA3-SAE, WPA2-En client separation					
NETWORK	Connection monitoring	Ping reboot, Wget reboot, perio					
IWO	Networking	WAN failover, load balancing, DI					
NE	Routing	Static routing, dynamic routing (
ECURITY	Security basics	Preconfigured and customizable					
CUR	VPN and tunneling	OpenVPN, IPsec, L2TPV3, DMVP					
SE	Authentication	Pre-shared key, digital certificat					
	Time sync services	NTP (server, client), GNSS, Mobil					
	Other services	I/O control, location services, We					
CES	Industrial protocols	Modbus, BACnet, DNP3, M-Bus,					
R.	Communication & monitoring	JSON-RPC, MQTT (broker, publis					
SE	Serial modes	Console, serial and M-Bus over l					
	USB services	Samba share, USB-to-serial, stor					
	3rd party cloud support	Azure IoT Hub, AWS IoT Greeng					
lion	RutOS developed on	OpenWrt based Linux OS					
IIZA	Supported languages	Busybox shell, Lua, C, C++, Pythe					
USTOMIZATIO	Development tools	Software development kit with a					
SUS	OS languages	English, German, Spanish, Portu					

ontrol, SMS relays, SIM idle protection

, band lock, auto APN, multiple PDNs, USSD

on (STA), wireless mesh (802.11s), fast roaming (802.11r)

nterprise-PEAP, WPA2-PSK, WEP, AES-CCMP, TKIP, auto cipher modes,

dic reboot, LCP and ICMP for link inspection

DNS, QoS, VLANs, DHCP, VRRP

(BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP), routing rules

firewall, web filtering, DMZ, user control, firewall status

N, ZeroTier, WireGuard and many others

es, X.509 certificates, TACACS+

e operator.

L, network topology, ethernet ports control

OPC UA, DLMS

er, subscriber, Azure MQTT, Kinesis), SNMP, SSH, TR-069, WEB UI, CLI

IP, modem, Modbus gateway, NTRIP

rage memory expansion, printer server, DLNA

rass, Cloud of Things, Cumulocity, ThingWorx

build environment

uguese, Japanese, Turkish

MANAGEMENT

	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 ale
	Reporting	On demand, periodic
	Configuration	Single or bulk parameters config
I		

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, V
VPN client supported OS	Windows, Android, iOS, macOS,

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,
Remote device detection	IP detection and default service
Authentication	Network level, in-device

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!

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.

erts and automation configurations

guration, download existing configuration, configuration templates

VPN routing, VPN data usage graph

, iPadOS

, RDP, WebRTC

availability checking

TRIED & TESTED

Millions of units deployed worldwide

BESTSELLER

All-time star of LTE Cat 4 connectivity

RU1260

MAXIMISED VALUE

Perfect mix of interfaces, performance, and pricing

RUT2 & RUT3 SERIES

RUT200 // RUT241 // RUT260 // RUT360

RUIZH



RUT241

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 I AN

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 I AN

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





RUT260 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

ROUTERS



RUT360 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



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

RUT9 SERIES RUT901 // RUT906 // RUT951 // RUT956

RUTODI

ROUTERS



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



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

UNINTERRUPTED CONNECTIVITY Dual SIM with auto-failover and backup WAN





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 R|45 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**

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

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

ROUTERS





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 RI45 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 R|45 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



ROUTFRS

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 R|45 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

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

FEATURE-RICH

Robust connectivity and security features

6

FLEXIBLE

OpenWrt-based system for endless configuration possibilities

TAKE IT HOME

Industrial-level experience for comfortable home use

ALWAYS TESTING, ALWAYS IMPROVING

We work tirelessly to ensure the utmost security of our product 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



ROUTERS

RUT300

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

RUTXO8

RUT300 // RUTX08 // RUTX10





RUT300 INDUSTRIAL ETHERNET ROUTER

Flash memory & RAM 16 MB Flash, 16 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

Flash memory & RAM 256 MB Flash, 256 MB RAM

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

Ethernet 4 x RI45 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

ROUTERS

RUTX08 INDUSTRIAL ETHERNET ROUTER



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 RI45 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



TRB140



TRB143

ADAPTABLE Wide range of supported interfaces for added versatility

TRB1 SERIES

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

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

GATEWAYS



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 You Tube CHANNEL



UNINTERRUPTED CONNECTIVITY

Dual SIM with auto-failover and backup WAN

COMPACT SIZE All you need, right in your pocket





M.TELTO

RB155

TRB245 // TRB255



TRB245 INDUSTRIAL M2M LTE GATEWAY

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

Flash memory & RAM 16 MB Flash, 64 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



TRB255 INDUSTRIAL M2M GATEWAY

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

Flash memory & RAM 16 MB Flash, 64 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

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

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.



5G Ultra-high throughput of up to 1 Gbps

TRB500



TSWIDT

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





TSW100

Powering option

budget (at PSE)

4 x PoE, 1 x Uplink

Ethernet

10 Gbps

INDUSTRIAL UNMANAGED POE+ SWITCH

4-pin power socket, 7-57 VDC (input

voltage range for PoE 44-57 VDC)

PoE standart & Total PoE power

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

802.3af and 802.3at, 120 W

Bandwidth (non-blocking)

Aluminium housing with DIN rail

Housing & mounting

Measurements & weight

115 x 32 x 95 mm, 350 g

mounting option

TSW101

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 RI45 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

SWITCHES





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 R|45 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 net-work's infrastructure

VERSATILITY Gigabit Ethernet, SFP, PoE+, and more

AT TELTOMIKA N

PROFINET SUPPORT

TSW202

ELTELTONIK

Supports Profinet & other key communication protocols





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

SWITCHES



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

> ADAPTABLE Wide voltage range and **DIN** rail mounting

PLUG N PLAY

No additional configuration needed, no time wasted



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

ETHERNET SWITCHES

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

SWITCHES





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

FROM ENGINEERS, TO ENGINEERS

Our hardware engineering is rooted in simplicity and precision, and our devices are built with engineer needs in mind – balancing performance, functionality, and durability. This ensures that our products don't only meet industry requirements, but continue to excel long into the future.

HEAD OF HARDWARE



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



TAP100 // TAP200

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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

ACCESS POINTS



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

TRM240

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

MISSION-FOCUSED

Reliable modem for a single device, no bells and whistles

SPECIALISED DESIGN

TRM240

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

PLUG N PLAY

No additional configuration needed, no time wasted



TRM250

TRM240 // TRM250

MODEMS





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

ROUTERS RUTM50 RUT200 RUT260 RUT360 RUT956 RUTX09 RUTX11 RUTX12 RUTX14 RUTX50 RUTXR1 RUT241 RUT901 RUT906 RUT951 **Products key** features 4G/LTE category Cat4 Cat4 Cat6 Cat4 Cat4 Cat4 Cat6 2xCat6 Cat12 Cat20 Cat19 Cat6 Cat6 Cat4 Cat6 3G 2G CPU (MHz) 580 580 580 650 580 580 580 4x717 4x717 4x717 4x717 4x717 4x717 4x717 580 RAM (MB) 128 128 128 128 128 128 128 128 256 256 256 256 256 256 256 Flash memory (MB) 16 16 16 16 256 256 256 256 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) SIM card slots Ethernet ports 4 4 4 4 4 Ethernet speed (Mbps) 100 100 100 100 100 100 1000 1000 1000 1000 1000 1000 Wi-Fi standard ac ac GNSS Inputs/Outputs 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

	ROUTE	RS			GATEW	AYS							MODE	MS	ACCESS	S POINTS
Products key features	TCR100	RUT300	RUTX08	RUTX10	TRB140	TRB141	TRB142	TRB143	TRB145	TRB245	TRB255	TRB500	TRM240	TRM250	TAP100	TAP200
5G																
4G/LTE category	Cat6				Cat4	Cat1	Cat1	Cat1	Cat1	Cat4	M1/NB	Cat20	Cat1	M1/NB		
3G																
2G																
CPU (MHz)	650	650	4x717	4x717	1200	1200	1200	1300	1200	650	650	1500			580	580
RAM (MB)	128	64	256	256	128	128	128	256	128	64	64	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	802.3af
Power voltage (VDC)	9-30	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	1				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			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	•	•	•	•	•	•	•	•	•	•	•	•			•	•

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DEVICE COMPARISON

	SWITCHES									
Products key features	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, 62 W EU: PR3PWEU3 // UK: PR3PWUK3 AU: PR3PWAU3 // US: PR3PWUS3

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





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

Universal power supply, 9 W Order code: PR3PUPS3



DIN rail power supply Order code: PR3PDNP0 DIN rail power supply, 15 W Order code: PR321NP0





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



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



Automotive power supply Order code: PR2AM20M



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



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



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



BAT120 - uninterruptable power supply Order code: BAT12000000



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 barrel socket adapter Order code: PR2PD01B

ANTENNA OPTIONS





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

5G mobile magnetic SMA antenna Order code: PR1KS536



GNSS adhesive SMA antenna Order code: PR1KSG30

Combo MIMO mobile roof SMA antenna Order code: PR1KCL25





Wi-Fi roof SMA antenna Order code: PR1KCS28

Mobile magnetic SMA antenna Order code: PR1KS210



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

MOUNTING OPTIONS



Compact DIN rail kit Order code: PR5MEC11



DIN rail kit adapter Order code: PR5MEC23



4-pin to 4-pin power cable

Order code: PR2PP10B

DIN rail kit Order code: PR5MEC00



Rack mounting kit Order code: PR5MEC26



TSW2 rear panel with **DIN rail holder** Order code: PR5MEC25

Combo SISO mobile/GNSS/



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



Surface clip holder kit Order code: PR5MEC22



Surface mounting kit Order code: PR5MEC12

TSW1 rear panel with **DIN rail holder** Order code: PR5MEC24





5G mobile SMA antenna Order code: PR1US540



Bluetooth magnetic SMA antenna Order code: PR1KRT25



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



Mobile SMA antenna Order code: PR1US440



Wi-Fi magnetic SMA antenna Order code: PR1KRF30



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



SMA cable extension Order code: PR2VM20M



Wi-Fi SMA antenna Order code: PR1URF51



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