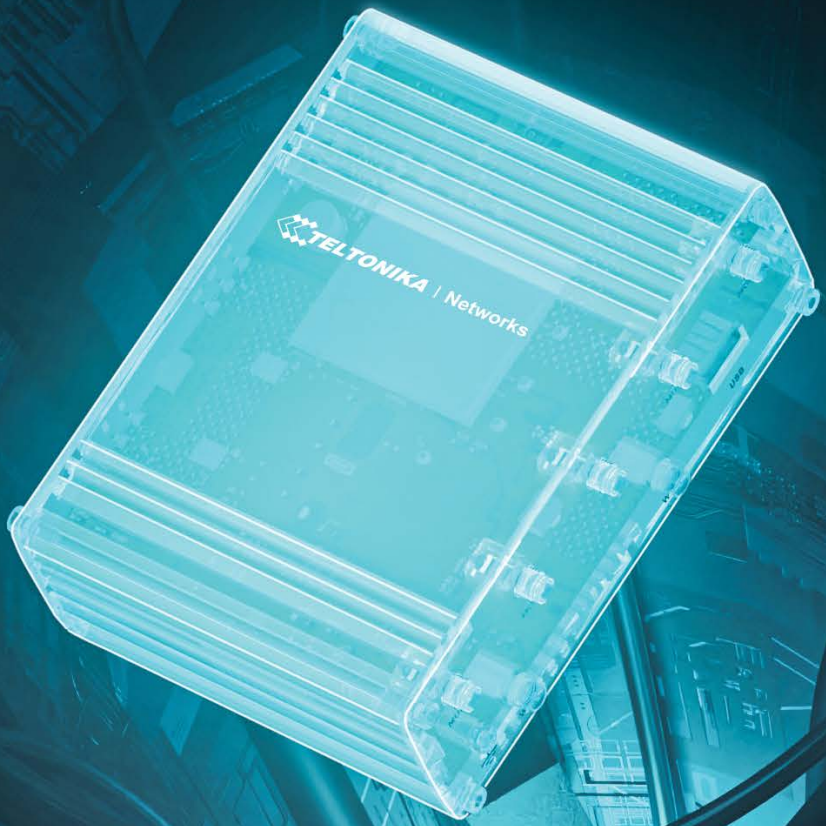
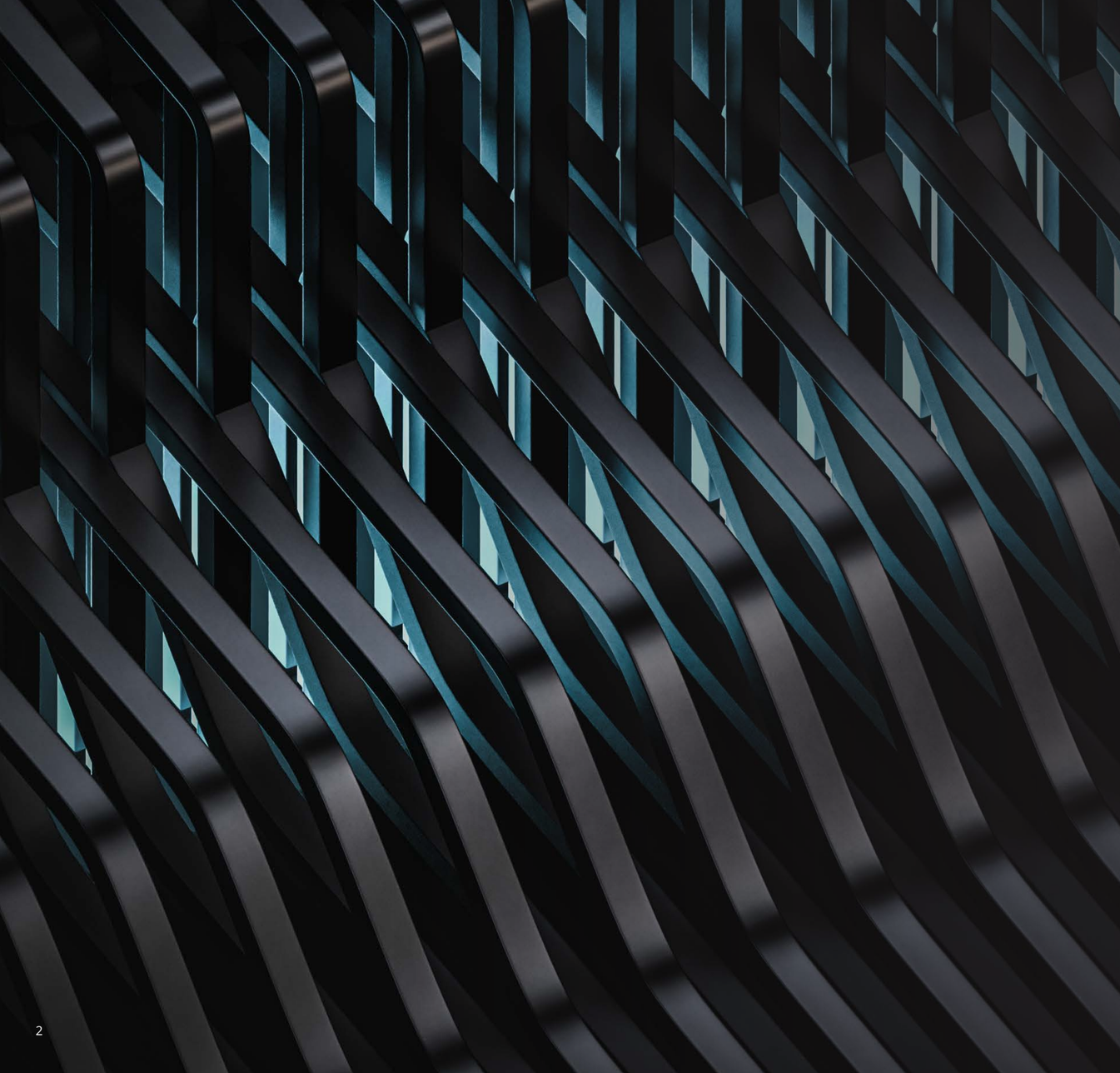
TELTONIKA | Networks



PRODUCT CATALOG

NORTH AMERICA



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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 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.

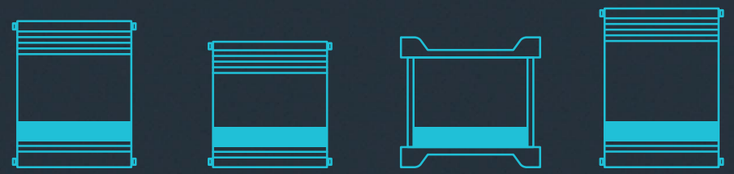
26 YEARS OF IOT BUSINESS

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	+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

MADE IN EUROPE

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
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

CUSTOMIZE

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

MAXIMISED VALUE
Perfect mix of interfaces, performance, and pricing

BESTSELLER
All-time star of LTE Cat 4 connectivity

RUT2 & RUT3 SERIES

RUT241 // RUT260 // RUT360

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
Aluminum 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

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
Aluminum housing with DIN rail mounting option

Measurements & weight
100 x 30 x 85 mm, 247 g

FLEXIBLE
More Ethernet ports for extra scalability

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

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

RUT9 SERIES

RUT951 // RUT956

verizon T-Mobile SGS AT&T

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
Aluminum housing with DIN rail mounting option, plastic panels with flat mounting option

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

verizon T-Mobile SGS FIRSTNET. Built with AT&T AT&T

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
Aluminum housing with DIN rail mounting option, plastic panels with flat mounting option

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

verizon T-Mobile AT&T

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
Aluminum housing with DIN rail mounting option

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

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

SO MANY DEVICES
EVEN MORE USE CASES

SEE OUR USE CASE CATALOG

WHAT ABOUT YOURS?

SHARE YOUR SOLUTION

FC T-Mobile AT&T

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

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

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

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
Aluminum housing with DIN rail mounting option

Measurements & weight
100 x 30 x 85 mm, 229 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 802.11ac/n/a 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
Aluminum housing with DIN rail mounting option

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

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

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

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

MISSION-CRITICAL

Single-digit latency for mission-critical applications

TRB501

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
Aluminum housing with DIN rail mounting option

Measurements & weight
100 x 30 x 93.4 mm, 241 g

COMPACT SIZE

One of the smallest 5G gateways in the market

5G

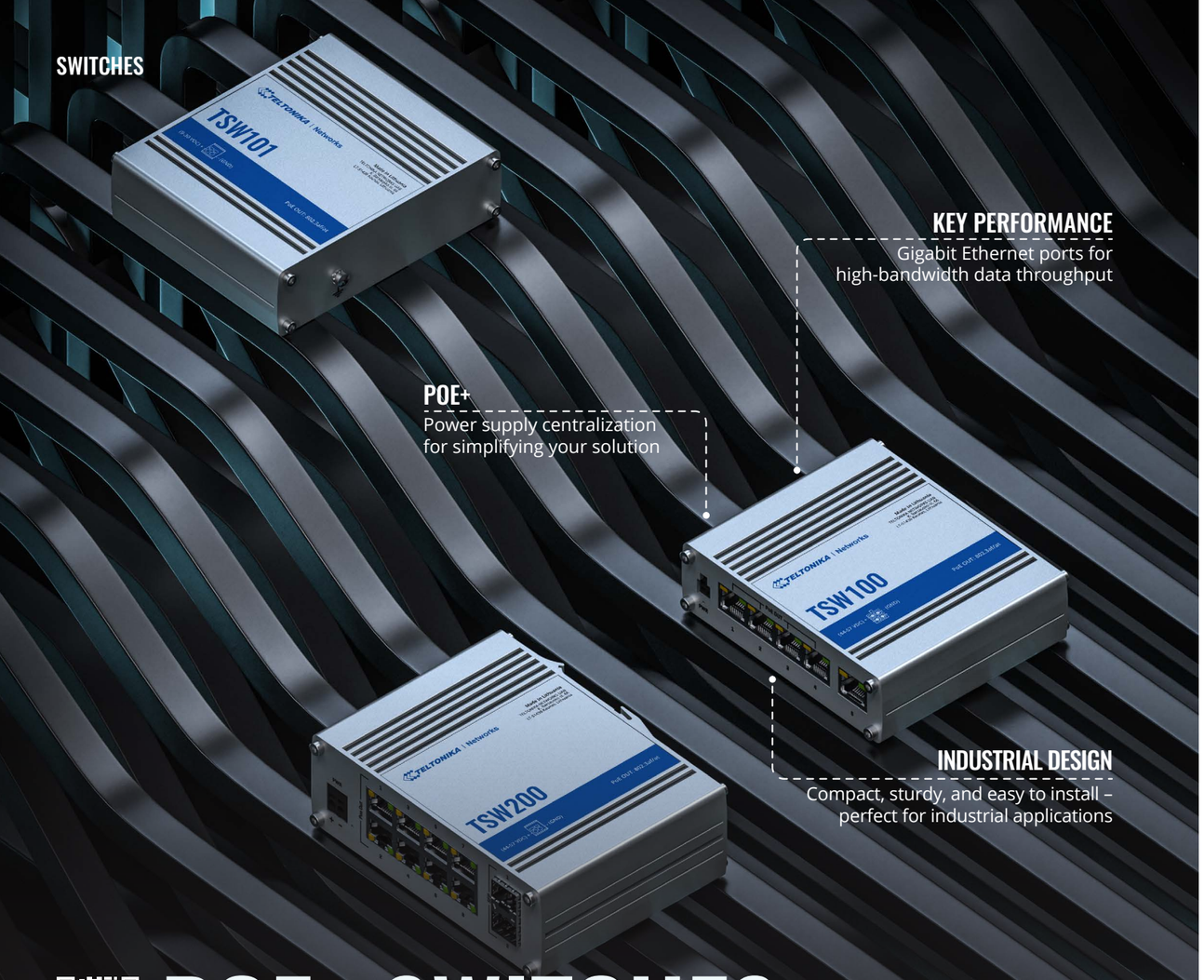
Ultra-high throughput of up to 1 Gbps

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



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

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
Aluminum 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
Aluminum 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

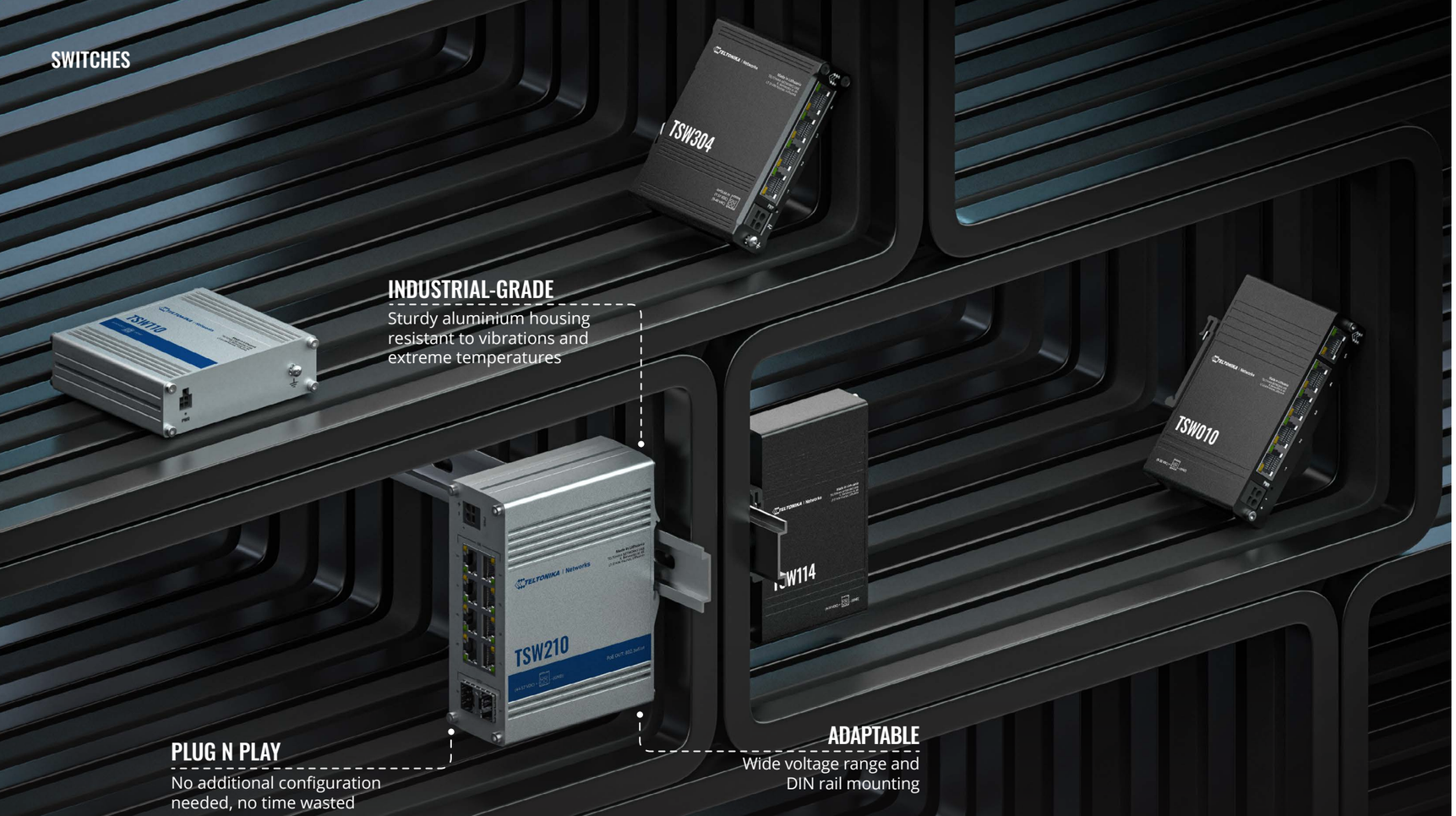
Ethernet
8 x RJ45 ports, 10/100/1000 Mbps

Bandwidth (non-blocking)
20 Gbps

Interfaces
2 x SFP

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

Measurements & weight
132 x 44.2 x 95.1 mm, 517 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
Aluminum 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
Aluminum 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 10/100 Mbps Ethernet ports

Bandwidth (non-blocking)
1 Gbps

Housing & mounting
Anodized aluminum 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 aluminum 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 aluminum 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

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

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!

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

POE-IN
Can be powered by active PoE devices via RJ45 port

SLEEK DESIGN
UV-stabilized plastic housing that blends in with its environment

EASY INSTALLATION
Integrated mounting bracket for easy ceiling setup

PREFER TO WATCH, NOT READ?

EXPLORE OUR YouTube CHANNEL

DEVICE COMPARISON

Products key features	TRB245	TRB255	TRB501	RUT241	RUT260	RUT360	RUT951	RUT956	RUTX11	RUTM50	OTD140	RUT300	RUTX10	TAP100
5G			•							•				
4G/LTE category	Cat4	M1/NB	Cat20	Cat4	Cat6	Cat6	Cat4	Cat4	Cat6	Cat20	Cat4			
3G	•		•	•	•	•	•	•	•	•	•			
2G	•	•		•			•	•			•			
CPU (MHz)	650	650	1500	580	580	650	580	580	4x717	4x717	580	650	4x717	580
RAM (MB)	64	64	256	128	128	128	128	128	256	256	128	64	256	128
Flash memory (MB)	16	16	512	16	16	16	16	16	256	256	16	16	256	16
Passive PoE				•	•		•	•	•	•		•	•	
PoE in											802.3af/at			
Power voltage (VDC)			9-30	9-30	9-30	9-30	9-30	9-30	9-50	9-50	42.5–57	7-30	9-50	802.3af
SIM card slots	9-30	9-30	1	1	1	1	2	2	2	2	2			44-57
Ethernet ports	2	2	1	2	2	2	4	4	4	5	2	5	4	
Ethernet speed (Mbps)	1	1	1000	100	100	100	100	100	1000	1000	100	100	1000	1
WiFi standard	100	100		n	n	n	n	n	ac	ac			ac	100
GNSS								•	•	•				n
Inputs/Outputs	•	•	2	2	2	2	2	7	2	2		2	2	
RS232	4	4						•						
RS485	•	•						•						
Bluetooth	•	•							•				•	
USB			Slave					Host	Host	Host		Host	Host	
DIN Rail mounting	•	•	•	•	•	•	•	•	•	•		•	•	
Rack mounting														
Flat surface mounting	•	•	•	•	•	•	•	•	•	•	•	•	•	
Grounding terminal									•	•			•	
RMS support	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RutOS	•	•	•	•	•	•	•	•	•	•	•	•	•	•

DEVICE COMPARISON

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
US Order code: PR3PUUS3

2-pin power supply, 9 W
US Order code: PR3PRUS6

Power supply, 18 W
US Order code: PR3PXUS3

Power supply, 24 W
US Order code: PR3P2US3

Power supply, 62 W
US Order code: PR3PWUS3

2-pin power supply, 62 W
US Order code: PR317USA

Power supply, 130 W
US Order code: PR313US3

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

2-pin power supply, 250 W
US Order code: PR320USA

Universal power supply, 9 W
Order code: PR3PUPS3

Automotive power supply
Order code: PR2AM20M

BAT120 - uninterruptable power supply
Order code: BAT120000000

DIN rail power supply
Order code: PR3PDNP0

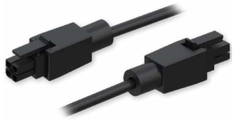
DIN rail power supply, 15 W
Order code: PR321NP0

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



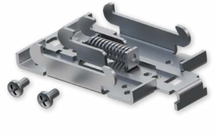
4-pin to 4-pin power cable
Order code: PR2PP10B

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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