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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.

#### Lithuania HQ

# **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.



# 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**

**100+ ROBOTS FOR** 

**AUTOMATION** 

MANF

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.

**500K MONTHLY** 

MANUFACTURING CAPACITY

### 8 MODERN SMT LINES

# 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

TELTONIKA | Networks

SYSTEM 1

FOUTER UPTIME

LOCAL DEVICE TIME

VENDRY USAGE

FIRMINARE VE

MOBISIAI @

IP IDERES

STATUS

1

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

### EASY TO USE

WAN (MAIN) 4

EP. ACORESS 101 201114 FAILOVER

RECENT SYSTEM EVENTS B

2023-03-15 124859 Recovery clear recovery 2023-02-07 1445-43

2023-02-17 121107

2023-01-31 15:22-21

OPN\_WIFL(2.4GHZ)

eup a

10

auto

TZ INIS

NOBISZAI @

IF ADDRESS

FALLOVER

APN

TALE

Streamlined and customisable UX for simple yet comprehensive management

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 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

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 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+

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

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

MOBILE

NETWORK

WIRELESS

SECURITY

SERVICES

CUSTOMIZATION

# RMS

> Tagged de

IC BACK

11

DEVICESY

CTELTONIKA

### **REMOTE MANAGEMENT SYSTEM**

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

WETSTATUS

RECENT WEIMON ENTITS

TELTO

### 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

ACON SISTA POINS

#### 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

#### INDUSTRIAL DESIGN

Integrated DIN rail and a 3-pin power connector

N

Ya

IP.

GTELTONIKA Networks

#### NAT FEATURE

12

For creating isolated networks within existing networks

RUTTAL ARRADON THE

#### RMS

Remote management, access & VPN services

**RUT1 40 // RUT142** 

Strikt Jon



## 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 Mbpd 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 Mbpd 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

#### **TRIED & TESTED**

Millions of units deployed worldwide

#### BESTSELLER

All-time star of LTE Cat 4 connectivity

Sterome m

#### **MAXIMISED VALUE**

Perfect mix of interfaces, performance, and pricing

# **RUT2 & RUT3 SERIES**

RUT200 // RUT241 // RUT260 // RUT361

Sa TRUTON



## 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

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

Flash memory & RAM 16 MB Flash, 128 MB RAM

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

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

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

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

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

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



RUT361 LTE CATG 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!



Lovie wer maderen

C.TE

RUT906

STELTOWIA . We

RU

Statti TOHIKA I Networks

#### **FLEXIBLE**

More Ethernet ports for extra scalability

#### **HIGH-PERFORMANCE**

TTELTOWKA

TT FOIRS Neworks

RUT957

RUI956

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 × 10/100 Mbps Ethernet ports: 1 × WAN (configurable as LAN), 3 × 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

Aluminiūm 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



# WHAT ABOUT YOURS?



SHARE YOUR SOLUTION

# 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

#### 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

RUS

**RUTX14** 



## **RUTX09** INDUSTRIAL CELLULAR ROUTER

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

Flash memory & RAM 256 MB Flash, 256 MB RAM

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

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

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

**Housing & mounting** Aluminium housing with DIN rail mounting option

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



## RUTX11 INDUSTRIAL CELLULAR ROUTER

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

Flash memory & RAM 256 MB Flash, 256 MB RAM

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

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

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

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

**Bluetooth** 4.0 (Low energy)

**Housing & mounting** Aluminium housing with DIN rail mounting option

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



## **RUTX12** DUAL LTE CAT 6 INDUSTRIAL CELLULAR ROUTER

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

Flash memory & RAM 256 MB Flash, 256 MB RAM

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

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

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

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

**Bluetooth** 4.0 (Low energy)

**Housing & mounting** Aluminium housing with DIN rail mounting option

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



RUTX14 4G LTE CAT12 INDUSTRIAL CELLULAR ROUTER

**Mobile** 4G/LTE (Cat 12), 3G

Flash memory & RAM 256 MB Flash, 256 MB RAM

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

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

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

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

Bluetooth 4.0 (Low energy)

Housing & mounting Aluminium housing with DIN rail mounting option

**Measurements & weight** 132 x 44.2 x 95.1 mm, 515 g



# RUTX50

#### **INDUSTRIAL 5G ROUTER**

**Mobile** 5G Sub-6Ghz SA/NSA, 4G/LTE (Cat 20), 3G

Flash memory & RAM 256 MB Flash, 256 MB RAM

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

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

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

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

**Housing & mounting** Aluminium housing with DIN rail mounting option

**Measurements & weight** 132 x 44.2 x 95.1 mm, 533 g



# RUTXR1

ENTERPRISE RACK-MOUNTABLE SFP/LTE ROUTER

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

Flash memory & RAM 256 MB Flash, 256 MB RAM

**Powering option** 4-pin power socket, 9-50 VDC (main) 4-pin power socket, 9-50 VDC (redundant)

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

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

**Interfaces** 1 x SFP; 1 x Console port; 1 x USB host

**Housing & mounting** Aluminium housing with rack mounting option

**Measurements & weight** 272 x 42.6 x 122.6 mm, 1093 g



#### **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

#### SINGLE-DIGIT LATENCY

Engineered for mission-critical applications

**TELTONIKA** | Networks

RUTM50

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

Default IP: 192.168.1.1

Made in Lithuania

TELTONIKA NETWORKS UAB K. Barsausko st. 66

**5**G

Ultra-high cellular speeds of up to 3.4 Gbps

#### **FUTURE-PROOF**

Adaptable for the future, backward compatible with the past



**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



#### **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

10140

POE-IN/OUT

Flexible powering options & reduced cabling

#### DUAL SIM

Auto-failover for maximum reliability

TISO

#### **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

Treround wesselfs

# **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

TELTONIKA

**TRB140** 

**COMPACT** Easy to install,

easy to use

ADAPTABLE Wide range of supported interfaces for added versatility

TRB141

TELT

**TRB143** 

#### **COMPETITIVE PRICING**

**TRB142** 

Pay only for exactly what you need

**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 You Tube CHANNEL



#### UNINTERRUPTED CONNECTIVITY

Dual SIM with auto-failover and backup WAN

#### **COMPACT SIZE**

EL TOHINA Havaata

r. IP. 192.188.1.1

All you need, right in your pocket

JH PP. 192.188.1.1

VERSATILE Wide range of supported interfaces and I/Os



STELTONIKA MONONS

188256

:9-30V-

TRB246 // TRB256





### TRB246 INDUSTRIAL M2M LTE GATEWAY

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

Flash memory & RAM 16 MB Flash, 128 MB RAM

**Powering option** 16-pin terminal, 9-30 VDC

**Ethernet** 1 x 10/100 Mbps Ethernet port

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

**Housing & mounting** Aluminium housing with DIN rail mounting option

**Measurements & weight** 83 x 25 x 74.2 mm, 165 g



## TRB256 INDUSTRIAL M2M GATEWAY

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

Flash memory & RAM 16 MB Flash, 128 MB RAM

**Powering option** 16-pin terminal, 9-30 VDC

**Ethernet** 1 x 10/100 Mbps Ethernet port

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

**Housing & mounting** Aluminium housing with DIN rail mounting option

**Measurements & weight** 83 x 25 x 74.2 mm, 165 g

#### **MISSION-CRITICAL**

Single-digit latency for mission-critical applications

# TRB500

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

#### **5**G

USE

Ultra-high throughput of up to 1 Gbps

WTELTONIKA I Networks

TRB500

19-30 VDC) + 10

Made in Lithuania Made in Lithuania ELTONIK Barsaura 1751406 Kaunas Lithuana

Default IP: 192.168.2.1

## 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** 

TSW040 // TSW100 // TSW101 // TSW200



### TSW040 8-PORT POE+ SWITCH

#### **Powering option**

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

#### PoE standart & 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



### TSW100 INDUSTRIAL UNMANAGED POE+ SWITCH

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

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

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

Bandwidth (non-blocking) 10 Gbps

**Housing & mounting** Aluminium housing with DIN rail mounting option

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



TSW101 AUTOMOTIVE POE+ SWITCH

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

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

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

Bandwidth (non-blocking) 10 Gbps

**Housing & mounting** Aluminium housing with DIN rail mounting option

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



## TSW200 INDUSTRIAL UNMANAGED POE+ SWITCH

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

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

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

Bandwidth (non-blocking) 20 Gbps

Interfaces 2 x SFP

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

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



#### **FULL CONTROL**

Manage your entire network's infrastructure

#### VERSATILITY

AND THE

PITELT

tonika Remotes

Stall R. 192 183 12

Gigabit Ethernet, SFP, PoE+, and more

#### **PROFINET SUPPORT**

TELTONIKA Networks

TSW202

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



**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

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#### INDUSTRIAL-GRADE

Sturdy aluminium housing resistant to vibrations and extreme temperatures

TSW304

PLUG N PLAY No additional configuration needed, no time wasted ADAPTABLE

Wide voltage range and DIN rail mounting

,5W114

## **ETHERNET SWITCHES**

**TSW210** 

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



### 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

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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 wiht 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 plugand-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

#### **ACCESS POINTS**



### TAP100 WI-FI ACCESS POINT

Flash memory & RAM 16 MB Flash, 128 MB RAM

**Powering option** RJ45 Socket, 44-57 V

**PoE standard** 802.3af PoE Class 1

Ethernet 1 x RJ45 port 10/100 Mbps

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

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

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



## TAP200

**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

TRM240

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

#### **PLUG N PLAY**

No additional configuration needed, no time wasted



TRM250





## TRM240

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

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

	NOUT																
Products key features	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	930	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	ас	ac	ac	ac
GNSS								•		•		•		·	i.	•	
Inputs/Outputs			2	2	2	4	2	7	2	7	2	2	2	2	2	2	
RS232		•						•		•							
RS485								•									
Bluetooth													•	•			
USB								Host		Host							
DIN rail mounting																	
Rack mounting																	
Flat surface mounting																	
AP mounting bracket																	
Grounding terminal																	
RMS support																	
RutOS																	
MBuc																	

M-Bus

	ROUTERS					GATEWAYS										ACCESS POINTS		
Products key features	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/NE	3		
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/a	ıt													802.3af	802.3af	
Power voltage (VDC)	9 30	42.5-57	9 30	9 50	9 50	9 30	930	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				ас											n	ac	
GNSS											•	•						
Inputs/Outputs			4	2	2	2	8	2	2	2	6	6	2		56.			
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**

	SWITCHES													
Products key features	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	t 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									•		- 1-			
Grounding terminal						•			•	•				
RMS														

## **POWERING OPTIONS**



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



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



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



**DIN rail power supply** Order code: PR3PDNP0



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



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



Universal power supply, 9 W Order code: PR3PUPS3



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 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: BAT120000000



**4-pin plug with contact terminals** Order code: PR4MK04K



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







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



4-pin to barrel socket adapter Order code: PR2PD01B

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

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

## **MOUNTING OPTIONS**



**Compact DIN rail kit** Order code: PR5MFC11



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: PR5MFC22



Surface mounting kit Order code: PR5MFC12



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



**GNSS adhesive SMA antenna** Order code: PR1KSG30



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



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

Combo MIMO mobile roof

SMA antenna

Order code: PR1KCL25

Mobile magnetic SMA antenna Order code: PR1KS210



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



**5G mobile SMA antenna** Order code: PR1US540



**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



Bluetooth magnetic SMA antenna Order code: PR1KRT25



**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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