TELTONIKA

Q-FLEX
www.q-flex.fi info@q-flex.fi
+358 2 4894 500

YOUR CONNECTIVITY STARTS HERE

Networking product catalogue / 2024

TABLE OF CONTENTS

Company

Who we are	4
What we offer	5
Holistic approach	6

Systems

RutOS	8
TswOS	10
RMS	12

Routers

RUT1 Series	14
RUT2 Series	16
RUT3 Series	18
RUT9 Series	20
RUTM Series	22
RUTX Series	24
5G Series	26
RUTC50	28
OTD140	30
TCR100	31

Gateways

TRB1 Series	32
TRB2 Series	34
TRB160	36
TRB500	37

Ethernet switches

TSW0 Series	38
TSW1 Series	40
TSW2 Series (Unmanaged)	42
TSW2 Series (Managed)	44
TSW304	46
TSF010	47

Modems

TRM Series	48
TRM Series	49

Access points

TAP Series	50

Accessories

Outdoor antennas	52
Powering options	54
Antenna options	55
Mounting options	57
Other	57

Device comparison

Routers	58
Gateways, modems, access points	60
Ethernet switches	61

WHO ARE WE?

Teltonika creates IoT connectivity equipment for the IoT world of tomorrow. With over 25 years of market expertise, we bring our vision and expertise to create products of seamless connectivity, simple integration, and remote management capabilities for industrial solutions worldwide.

Mission

Our exceptional skills in being a fast and flexible partner reflect our needs to be closer to our clients in every world region. Long-standing experience, reliable supply chain, highest technology process models stand for our ability to produce millions of IoT devices to our clients.

Vision

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

Values

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

WHAT WE OFFER?

Our industrial routers, gateways, Ethernet switches, access points, modems, and remote management system are made with engineer needs, mindset, and workflow in mind. These reliable networking equipment are made to last, perform, and bring your IoT vision to life.

GROWING PORTFOLIO

+3	+5	+5	+5	+12	+10
2018	2019	2020	2021	2022	2023

Reliable

Industrial-grade networking devices designed for durability and uninterrupted connectivity in the most rigorous environments.

Secure

Maximum security ensured by regular safety audits, firmware updates, and vulnerability management by our dedicated cybersecurity team.

Easy to use

High in simplicity and functionality, our products are engineered for professional applications without requiring any special training.

HOLISTIC APPROACH

From concept to finished product, our networking products are designed, developed, and manufactured in-house in our manufacturing facility in Lithuania, guaranteeing the highest European quality with maximum flexibility.

8 cutting-edge SMT lines

100+ automation robots

Millions of products produced yearly

Expertise

Over 25 years of market expertise in reliably enabling industrial IoT and M2M solutions worldwide.

Flexibility

Highly customisable products that adapt to your solution's needs.

Assurance

Full and precise quality assurance in every step of production thanks to in-house design, development, and manufacturing.

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, framed routing
Mobile communication control	Operator black/white list (by country or separate operators), band lock, auto APN, multiple PDNs, USSD
Wireless	
Wireless modes	Access point (AP), station (STA), wireless mesh (802.11s), fast roaming (802.11r), Relayd, BSS transition management (802.11v), radio resource measurement (802.11k)
Wireless security	WPA2-Enterprise - PEAP, WPA2-PSK, WPA-EAP, WPA-PSK, WPA3-SAE, WPA3-EAP, OWE; AES-CCMP, TKIP, auto-cipher modes, client separation, EAP-TLS with PKCS#12 certificates, disable auto-reconnect
Network	
Connection monitoring	Ping reboot, Wget reboot, periodic reboot, LCP and ICMP for link inspection
Networking	VoIP passthrough support, connection monitoring, firewall, firewall status page, ports management, network topology, DHCP, QoS / Smart Queue Management (SQM), DDNS, Network backup, load balancing, hotspot, SSHFS, VRF support
Routing	Static routing, dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP), policy-based routing
Security	
Security basics	Preconfigured and customisable firewall, web filtering, DMZ, user control, firewall status
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard, Tinc, Tailscale
Authentication	Pre-shared key, digital certificates, X.509 certificates, TACACS+, Radius, IP & login attempts block, time-based login blocking, built-in random password generator
Services	
Time sync services	NTP (server, client), GNSS, Mobile operator
Other services	Data to server, I/O control, location services, WoL, network topology
Industrial protocols	MODBUS (supported connection types RTU (RS232, RS485), TCP, USB), 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
Customisation	
RutOS developed on	Open-WRT based Linux OS
Supported languages	Busybox shell, Lua, C, C++, Python, Java
Development tools	Software development kit with a build environment
OS languages	English, German, Spanish, Portuguese, Japanese, Turkish

TSWOS

OpenWRT-based Linux OS designed for easy and comprehensive managed switch workflow

Seamless

Numerous DHCP options for enhanced network stability and control

Secure

Comprehensive authentication features for enhanced security and access control

Reliable

Remote port management, ensuring uninterrupted network performance

Services

Supported protocols	EtherNet/IP, Profinet (class B), SNMP V2, V3, LLDP, and more
Network management	802.1p CoS, 802.1x port-based network access control, 802.1Q VLAN

Network

MRP	MRP client/server
L2 features	Loop protection, forwarding table, VLAN, STP/RSTP
L3 features	Static IPv4 routing, static IPv6 routing, DHCPv6 client, static IPv6 address
DHCP	DHCP client/server, static leases, and MAC with wildcards
Port settings	Enable/disable, link speed control, port isolation, PoE management, EEE (802.3az) management, port mirroring

Security

Authentication	PAM, Radius & TACACS+, IP & login attempts block

QoS

QoS	Port priority, DSCP priority, 802.1p priority, ToS
Scheduling	SP/WFQ/WRR
Bandwidth control	Rate limiting, storm control
Traffic shaper	Port-based shaping

Diagnostics

Tools	Cable diagnostic, ping, traceroute, nslookup
Ping reboot	Port-specific PoE reboot

RMS

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

Management

Gain complete and secure control over your fleet of Teltonika networking devices—no public IP needed

Connect

Secure your entire remote infrastructure quickly and easily with robust VPN connections

VPN

Reach and remotely control your end devices connected to RMS-compatible devices

Security

Developed in-house, RMS ensures secure communication and data integrity by adhering to the strictest privacy and cybersecurity standards set by the European Union

Hosting

Hosted on AWS: a leading cloud server synonymous with security, scalability, and high availability

Applications

RMS VPN for direct VPN access and automatic client syncing

Mobile app for iOS and Android

Teltonika ID for two-factor authentication

Pricing

Long-term or flexible licensing options for modular and cost-effective pricing

Customisation

Adapt RMS to your solutions using custom control functions, alerts, and automation schemes

Capabilities

Full management capabilities of supported Teltonika networking devices, including remote onboarding, custom alarms, firmware updates, automatic backups, performance analysis, and more

Secure and direct access to third-party devices via RMS Connect or VPN

Availability

RMS is free to start: creating an RMS account, adding Teltonika networking devices, and testing its capabilities can all be done free of charge

NETWORK SEGMENTATION ROUTERS

RUT1 SERIES

Flawless network segmentation

COMMON FEATURES

NAT functionality

Perfect for network segmentation

Connectivity

2 × 10/100 Mbps Ethernet ports, Wi-Fi 4

Power input

1 × 3-pin tailored for industrial use

Quick & easy

Simple installation with an Integrated DIN rail bracket

RUT140

Compact, easy, and affordable

RUT142

Compact & tailor-made for RS232 communication

IDEAL FOR

Network segmentation

Acting as boundary devices for isolated networks within an existing infrastructure, ensuring both network security and controlled external access

Production line connectivity

Easy connection of each production line to a separate network, enhancing security, optimising traffic, and ensuring smooth data flow

Legacy equipment connectivity

Easy connection of legacy equipment, including CNC machines, PLCs, medical equipment, and more

3-PIN CONNECTOR INCLUDED

SINGLE-SIM CELLULAR ROUTERS

RUT2 SERIES

Seamless cellular connectivity
for everyday solutions

COMMON FEATURES

Single-SIM LTE
4G LTE, backward compatible with 3G

WAN failover
Automatically switches to an available backup connection

Interfaces
2 × 10/100 Mbps Ethernet ports, digital I/Os

Wi-Fi
2.4 GHz (b/g/n), wireless AP with hotspot

RUT200
Affordable Cat 4 all-star for select regions

RUT241
Affordable Cat 4 all-star, available globally

RUT260
LTE Cat 6 speeds in your pocket

IDEAL FOR

POS systems
Seamless connectivity in retail, restaurants, hotels, or any mobile businesses

Digital service hubs
Reliable connectivity for digital signage displays and interactive self-service terminals, such as parcel or vending machines

Mobile and temporary deployments
Ideal for construction sites, events, or emergencies requiring quick and reliable connectivity

#1 CHOICE FOR SOLUTIONS WORLDWIDE

INDUSTRIAL ROUTERS

RUT3 SERIES

Comprehensive cellular & Ethernet capabilities

COMMON FEATURES

Configurable I/Os

2 x configurable digital I/Os

Durable

Rugged aluminium housing withstanding -40 °C to 75 °C

VPN support

GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, Tinc & more

RMS

Compatible with our Remote Management System

RUT301

Ethernet connectivity with versatile interfaces

RUT361

361° of LTE Cat 6 & Wi-Fi connectivity

IDEAL FOR

Sustainable energy

Easy monitoring of wind turbines, solar panels, and other infrastructure in remote, rural, or offshore locations

Smart city applications

Reliable connectivity for CCTV cameras, traffic management systems, billboards, digital signage, retail applications, and more

Smart agriculture

Seamless connectivity for remote farm management, from monitoring crops and livestock to automated feeding and controlling climate systems

EXPERT
REMOTE
MANAGEMENT

DUAL-SIM CELLULAR ROUTERS

RUT9 SERIES

Dual-SIM for uninterrupted connectivity

COMMON FEATURES

LTE Cat 4

4G, backward compatible with 3G/2G

Dual-SIM

With auto-failover and backup WAN

Ethernet

4 × 10/100 Mbps Ethernet ports

Wi-Fi

2.4 GHz (b/g/n), wireless AP with hotspot

RUT901

All-reliable cellular router for select regions

RUT951

All-reliable cellular router, available globally

RUT906

Master of interfaces for select regions, including RS232 and RS485

RUT956

Master of interfaces available globally, including RS232 and RS485

IDEAL FOR

Industrial applications

Designed for reliable performance in industrial environments, including wide protocols support and DIN rail mounting

Remote monitoring & management

Seamless connectivity for remote applications, including pop-up stores, precision machinery, remote mining operations, and mobile agricultural equipment

VERSATILE INTERFACES, UNLIMITED POTENTIAL

*RUT901 & RUT951

*RUT906 & RUT956

INDUSTRIAL ROUTERS

RUTM SERIES

For power, speed & versatility

COMMON FEATURES

Gigabit Ethernet

4 x ports with up to 128 supported port/tag-based VLANs

Interfaces

Including digital I/Os & USB

VPN

Including OpenVPN, IPsec, PPTP, L2TP & DMVPN

RMS

Compatible with our Remote Management System

RUTM08

Ethernet connectivity with 4x Gigabit Ethernet

RUTM10

Ethernet connectivity with Dual-Band Wi-Fi

RUTM09

Wired-only Cat 6 connectivity

RUTM11

Cat 6 with Dual-Band Wi-Fi

IDEAL FOR

Urban development

Secure and stable connectivity for surveillance systems, traffic monitoring, elevator systems, and other urban spaces and applications

Enterprise

Reliable Internet access combined with VPN support, traffic management, and other advanced features ensuring smooth operation and security

YOUR MULTITOOL FOR NETWORKING MASTERY

EXPERT INDUSTRIAL ROUTERS

RUTX SERIES

High-performance optionality

COMMON FEATURES

Connectivity

4G cellular, Ethernet & wireless routers

Interfaces

Including Gigabit Ethernet, digital I/Os & USB

RMS

Compatible with our Remote Management System

RutOS

Feature-rich operating system with advanced security features

RUTX08

Ethernet connectivity with 4x Gigabit Ethernet

RUTX12

Dual Cat 6 modems with simultaneous connections

RUTX09

Wired-only Cat 6 connectivity

RUTX14

Cat 12 with up to 600 Mbps

RUTX10

Ethernet connectivity with Bluetooth and Dual-Band Wi-Fi

RUTXR1

Rack-mountable Cat 6 with SFP port & dual power supply

RUTX11

Cat 6 with Bluetooth and Dual-Band Wi-Fi

IDEAL FOR

Retail

Seamless connectivity for POS systems, interactive kiosks, self-service and parcel terminals, vending machines, and more

Public transportation

Reliable wireless connectivity for personnel, passengers, and on-board devices such as GPS trackers, ticketing terminals, and more

DUAL MODULES, SINGULAR BRILLIANCE

5G CELLULAR ROUTERS

5G SERIES

The 5G evolution of connectivity

COMMON FEATURES

5G

Ultra-high cellular speeds over 3 Gbps

Dual-SIM

Auto-failover, backup WAN, and other switching scenarios

SA & NSA

Supports both 5G architectures

Future-proofing

Backward compatible with 4G (LTE Cat 18, 19, 20) and 3G

RUTM50

5G powerhouse for the North American market

RUTX50

5G powerhouse for worldwide industrial applications

IDEAL FOR

Mobile & temporary deployments

Pop-up stores, event venues, outdoor festivals, construction sites, and other locations requiring reliable and quick-to-deploy connectivity

Travel & tourism

Perfect for solutions requiring on-the-go, high-speed connectivity, suitable for travel agencies, cruise ships, RVs, and boats

Remote livestreaming

Enabling content creators, journalists, and event organisers livestream events and other on-the-go footage in real time

HARNESS THE POWER OF 5G NETWORKS

RUTC50

Your 5G wireless multitool

IDEAL FOR

Public transportation

Reliable wireless connectivity for personnel, passengers, and on-board devices such as GPS trackers, ticketing terminals, and more

Pop-up events

Reliable connectivity in pop-up events and uninterrupted event streaming capabilities

Smart city applications

Reliable connectivity for CCTV cameras, traffic management systems, billboards, digital signage, retail applications, and more

FEATURES

5G

Ultra-high cellular speeds of up to 3.4 Gbps

Wi-Fi 6

Dual-band multi-user MIMO wireless capabilities

Processing power

1.3 GHz, dual-core ARM Cortex-A53 CPU

Dual-SIM

With auto-failover, backup WAN, and other switching scenarios

RATHER WATCH?

Explore our YouTube channel

OTD140

Go outdoors & brave the elements

IDEAL FOR

Construction sites

Reliable connectivity for portable offices, trailers, and CCTV cameras under rainy and dust-exposed environmental conditions

Campsites & RV parks

Convenient connectivity for campers, RV parks, and all other outdoor explorers

Remote outdoor monitoring

Suitable for remote outdoor projects monitoring solar panels, pipelines, agricultural fields, offshore installations, and more

FEATURES

Outdoor router

IP55 durability for outdoor deployment

LTE Cat 4

Dual-SIM with auto-failover

PoE-in/out

Streamlined powering options

Easy mounting

Integrated mounting bracket

TCR100

Home is where industrial-grade connectivity is

IDEAL FOR

Expert home use

Simple home setup with high performance, advanced security, and customisability

FEATURES

Home router

Industrial-grade experience for comfortable home use

LTE-A Cat 6

Up to 300 Mbps with carrier aggregation

Ethernet

2 × 10/100 Mbps Ethernet

RutOS

Feature-rich operating system with advanced security features

SINGLE-SIM GATEWAYS

TRB1 SERIES

Mission-focused gateways

COMMON FEATURES

Perfect interface

Each device is tailor-made to support a specific interface

4G LTE

LTE Cat 1 and Cat 4 single-SIM cellular gateways

Industrial-grade

Compact, durable, and designed for industrial applications

RMS

Compatible with our Remote Management System

TRB140

Your compact gateway to connectivity with Gigabit Ethernet

TRB143

M-Bus for seamless telemetry

TRB141

Your compact gateway to connectivity – with I/Os!

TRB145

RS485 for multipoint communication

TRB142

RS232 for point-to-point communication

IDEAL FOR

Smart metering

Two-way communication between smart meters and central systems for easy, real-time telemetry

Remote monitoring & management

Reliable, 24/7 monitoring and management of equipment, infrastructure, and environmental conditions

YOUR NEEDS, YOUR SOLUTION

TRB140
Ethernet

TRB141
I/O

TRB142
RS232

TRB143
M-Bus

TRB145
RS485

DUAL-SIM GATEWAYS

TRB2 SERIES

Dual-SIM gateways for uninterrupted connectivity

COMMON FEATURES

Uninterrupted 4G

Dual-SIM with auto-failover and backup WAN

Interfaces

1 x Ethernet port, configurable I/Os, RS232, RS485

Compact

All you need, right in your pocket

GNSS

Location services and time synchronisation

TRB246

LTE Cat 4, backward compatible with 3G/2G

TRB256

LTE Cat 1/NB-IoT & 450 MHz support

IDEAL FOR

Real-time telemetry

Reliable connectivity for real-time data collection and transmission to and from remote equipment

Utilities

Expert and secure utilities system management, real-time data gathering from energy meters, and predictive maintenance

Industrial applications

RS232 and RS485 for easy connectivity in industrial machinery, such as PLCs, CNC machines, and more

GREATER RANGE, BROADER APPLICATION

TRB160

Speed & aggregation

IDEAL FOR

Vending machines

Compact connectivity in tight-space retail and smart city applications, such as vending machines

Digital service hubs

Reliable connectivity for digital signage displays and interactive self-service terminals

Remote monitoring & management

Seamless connectivity for remote applications, including energy grid monitoring, precision machinery, mining, and agricultural equipment

FEATURES

4G LTE Cat 6

Cellular speeds of up to 300 Mbps with carrier aggregation

Compact

Small size, easy installation

Protocols

Supports OPC UA, DNP3, Modbus & more

USB Type-C

For simultaneous powering and network data provision

TRB500

Your gateway to a 5G world

IDEAL FOR

Automation

Maximum throughput at minimum latency for automation solutions demanding precision and high-speed processing

Smart agriculture

Enhancing operational efficiency in agriculture applications and enabling increased scalability of smart machines

FEATURES

5G

5G SA/NSA, backward compatible with LTE Cat 20 & 3G

Throughput

Ultra-high cellular speeds of up to 1 Gbps

Low latency

Single-digit latency for mission-critical applications

Compact

Smallest 5G gateway on the market

UNMANAGED ETHERNET SWITCHES

TSWO SERIES

Unmanaged switches for zero-hassle deployment

COMMON FEATURES

Ethernet
5 to 8 10/100 Ethernet ports

2-pin power
Simple and suitable for industrial applications

Easy mounting
Integrated DIN rail bracket for plug-and-play deployment

Industrial design
Anodised aluminium housing and panels

TSW010
Cover your switch basics effortlessly

TSW030
8 ports, endless possibilities

TSW040
8 PoE+ ports for power & connectivity

IDEAL FOR

Water & wastewater management
Remote management and control of water treatment plants, pump stations, sewage systems, and more

Factory floor automation
Facilitates automation processes via connectivity for PLCs, sensors, actuators, and other industrial devices

PoE lighting
Centralised control and reconfiguration flexibility for smart lighting systems

AFFORDABLE INDUSTRIAL SWITCHES

5-PORT UNMANAGED SWITCHES

TSW1 SERIES

Unmanaged switches with Gigabit versatility

COMMON FEATURES

Plug-and-play
No additional configuration needed, no time wasted

Easy mounting
Multiple DIN rail mounting options

Ethernet
5 x Gigabit Ethernet

Durable
Rugged aluminium housing withstanding -40 °C to 75 °C

TSW100
4 PoE+ ports for your powering needs

TSW110
For your 5-port solution needs

TSW101
Tailor-made for automotive solutions

TSW114
5 ports & integrated DIN rail bracket

IDEAL FOR

Smart building management
Connect your smart lighting, HVAC systems, occupancy sensors, and other devices

Mobile/autonomous surveillance systems
Connect your IP cameras, recording devices, and other devices for real-time monitoring and enhanced security

Industrial automation
High-speed connectivity for PLCs, HMI panels, industrial robots, and other automation and manufacturing devices

SWITCH TO AUTOMOTIVE PoE

8-PORT UNMANAGED SWITCHES

TSW2 SERIES

Gigabit network distribution

COMMON FEATURES

Plug-and-play
No additional configuration needed, no time wasted

SFP
2 x SFP for long-range fibre-optic communication

Ethernet
8 x Gigabit Ethernet

Easy mounting
Back-side DIN rail bracket

TSW200
8 PoE+ Ethernet & 2 SFP for maximum efficiency

TSW210
8 Ethernet, 2 SFP, zero hassles

IDEAL FOR

Surveillance power hub
Connect your IP cameras, NVRs, and access control systems in surveillance deployments

Smart agriculture
Connect your soil moisture sensors, weather stations, and irrigation controllers via simple setup and operation

Energy storage systems
Seamless communication between solar panels and energy storage systems

SFP

SPEED, DISTANCE, FLEXIBILITY

8-PORT MANAGED SWITCHES

TSW2 SERIES

Managed switches for expert applications

COMMON FEATURES

Managed

L2 managed switches with L3 features

Protocol support

PROFINET, Ethernet/IP, LLDP, MRP, SNMP V2/V3, and more

SFP & Ethernet

8 x Gigabit Ethernet and 2 x SFP

TswOS

Custom OS tailor-made for managed switches

TSW202

Network control with PoE+ capabilities

TSW212

For your advanced network control needs

IDEAL FOR

Manufacturing

Upgrade production lines to improve efficiency and reduce downtime

Highway tunnel infrastructure

Pivotal for ensuring continuous operation and safety via MRP support

Traffic control systems

Remote monitoring and management of traffic flow, signals, and surveillance cameras

CERTIFIED BY PROFINET

TSW304

Tiny switch for big ambitions

IDEAL FOR

Emergency services & public safety

Ensures the resilience and continuity of communication systems during emergencies or power outages

FEATURES

Extra tiny

Only 102 × 25 × 81.5 mm

Powering

Can be powered via DC, AC, or Ethernet

Gigabit Ethernet

4 x Gigabit Ethernet ports

Durable

Shock-resistant aluminium housing

TSF010

Flat switch with deep functionality

IDEAL FOR

Narrow & tight-space applications

Provides network connectivity for solutions low on space, such as information kiosks, digital signage displays, and ticketing machines

FEATURES

3-pin power

Flexible and tailor-made for industrial use

Flat & compact

Flat and compact design weighing only 142 g

Easy mounting

Integrated DIN rail bracket for plug-and-play deployment

7-57 VDC

Suitable voltage range for industrial applications

INDUSTRIAL CELLULAR MODEMS

TRM SERIES

Connectivity – simple as that.

TRM240

LTE Cat 4, backward compatible with 3G/2G

TRM250

LTE Cat 1/NB-IoT, backward compatible with 2G

COMMON FEATURES

Plug-and play

No additional configuration needed, no time wasted

Micro USB

Powered via Micro USB

Industrial-grade

Compact and durable devices with low power consumption

4G

Single-SIM 4G modems

TRM500

5G connectivity – simple as that.

FEATURES

5G

Ultra-high cellular speeds of up to 3.4 Gbps

Future-proofing

Backward compatible with 4G (Cat 19) and 3G

USB Type-C

For simultaneous network data and powering

Compact

Small size, easy installation

Wi-Fi ACCESS POINTS

TAP SERIES

Seamless access, simple point

COMMON FEATURES

PoE-in

Can be powered via PoE

Sleek & easy

UV-stabilised plastic housing and integrated mounting bracket

RMS

Free access to RMS Management for 24 months

Wi-Fi

802.11r, 802.11k, and 802.11v fast roaming support

TAP100

Wi-Fi 4 for enhanced wireless coverage

TAP200

Wi-Fi 5 for enhanced wireless coverage in small & medium spaces

IDEAL FOR

Public spaces

Extends wireless coverage in larger areas, such as shopping malls, universities, airports, event venues, and more

People-counting solutions

Detection of Wi-Fi-enabled devices for people counting and motion analysis for establishing foot traffic patterns

Enterprise connectivity

Ensures reliable Wi-Fi connectivity in all areas, including meeting rooms, offices, and common areas

EASY ACCESS, EASIER MOUNTING

OUTDOOR ANTENNAS

Ultimate outdoor coverage

COMMON FEATURES

IP67
Water and dust-resistant for ultimate outdoor reliability

Omnidirectional
Designed for reliable signal coverage from every direction

Mounting bracket
Quick and easy pole/mast mounting

Perfect match
Compatible and designed to contain select Teltonika routers

FOR RUTX11 & RUTM11
4G, Wi-Fi, GPS & Bluetooth
Order code: PR1IC970

FOR RUTX50 & RUTM50
5G/4G, Wi-Fi & GPS
Ordering: PR1ICA70

FOR RUT2 SERIES
4G & Wi-Fi
Order code: PR1IC860

FOR RUT9 SERIES
4G, Wi-Fi & GPS
Order code: PR1ICC60

SEAMLESS DEVICE INTEGRATION

ACCESSORIES

A wide selection of industrial-grade accessories to perfect your networking solutions, including antennas, power supply adapters, and mounting solutions designed for optimal compatibility.

Can't find what you're looking for? Let us know and we'll get your fix.

POWERING OPTIONS

2-PIN POWER SUPPLY, 130W
EU: PR318EUA / AU: PR313AU3

2-PIN POWER SUPPLY, 250W
EU: PR320EUA / AU: PR320AUA
US: PR320USA / UK: PR320UKA

2-PIN POWER SUPPLY, 62W
EU: PR317EUA / AU: PR317AUA
US: PR317USA / UK: PR317UKA

2-PIN POWER SUPPLY, 9W
EU: PR3PREU6 / AU: PR3PRAU6
US: PR3PRUS6 / UK: PR3PRUK6

4-PIN TO 4-PIN POWER CABLE
Order code: PR2PP10B

4-PIN PLUG WITH CONTACT TERMINALS
Order code: PR4MK04K

4-PIN POWER ADAPTER WITH I/O ACCESS
Order code: PR5MEC21

4-PIN TO BARREL SOCKET ADAPTER
Order code: PR2PD01B

AUTOMOTIVE POWER SUPPLY
Order code: PR2AM20M

BAT120 POWER SUPPLY
Order code: BAT120000000

POWER CABLE WITH 4-WAY OPEN WIRE
Order code: PR2PL15B

POWER CABLE WITH 4-WAY SCREW TERMINAL
Order code: PR2FK20M

DIN RAIL POWER SUPPLY, 15W
Order code: PR321NP0

DIN RAIL POWER SUPPLY
Order code: PR3PDNP0

POWER SUPPLY, 130W
EU: PR313EU3 / AU: PR313AU3
US: PR313US3 / UK: PR313UK3

POWER SUPPLY, 18W
EU: PR3PXEU3 / AU: PR3PXAU3
US: PR3PXUS3 / UK: PR3PXUK3

POWER SUPPLY, 24W
EU: PR3P2EU3 / AU: PR3P2AU3
US: PR3P2US3 / UK: PR3P2UK3

POWER SUPPLY, 62W
EU: PR3PWEU3 / AU: PR3PWAU3
US: PR3PWUS3 / UK: PR3PWUK3

POWER SUPPLY, 9W
EU: PR3PUEU3 / AU: PR3PUAU3
US: PR3PUUS3 / UK: PR3PUUK3
JP: PR3PUJP3

UNIVERSAL POWER SUPPLY, 9W
Order code: PR3PUPS3

SINGLE PORT GIGABIT PoE INJECTOR
EU: PR322EU7 / UK: PR322UK7

ANTENNA OPTIONS

Wi-Fi MAGNETIC SMA ANTENNA
Order code: PR1KRF30

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

ANGLED COMPACT MOBILE ANTENNA
Order code: PR1US450

BLUETOOTH MAGNETIC SMA ANTENNA
Order code: PR1KRT25

STRAIGHT COMPACT MOBILE ANTENNA
Order code: PR1CS450

GNSS ADHESIVE SMA ANTENNA
Order code: PR1KSG30

MOBILE ADHESIVE SMA ANTENNA
Order code: PR1AS420

Wi-Fi DUAL-BAND SMA ANTENNA
Order code: PR14RD35

MOBILE MAGNETIC SMA ANTENNA
Order code: PR1KS210

MOBILE SMA ANTENNA
Order code: PR1US440

Wi-Fi DUAL-BAND MAGNETIC SMA ANTENNA
Order code: PR1KRD30

Wi-Fi SMA ANTENNA
Order code: PR1URF51

COMBO MIMO MOBILE/GNSS/Wi-Fi ROOF SMA ANTENNA
Order code: PR1KCO28

COMBO MIMO MOBILE ROOF SMA ANTENNA
Order code: PR1KCL25

COMBO QUAD MOBILE/GNSS ROOF SMA ANTENNA
Order code: PR1KCL28

COMBO SISO MOBILE/GNSS/Wi-Fi ROOF SMA ANTENNA
Order code: PR1KCS28

MOBILE SMA ANTENNA WITH 450 MHz
Order code: PR1US740

SMA CABLE EXTENSION
Order code: PR2VM20M

MOUNTING OPTIONS

SURFACE MOUNTING KIT
Order code: PR5MEC12

COMPACT DIN RAIL KIT
Order code: PR5MEC11

DIN RAIL KIT ADAPTER
Order code: PR5MEC23

DIN RAIL KIT
Order code: PR5MEC00

TSW1-SERIES REAR PANEL WITH DIN RAIL HOLDER
Order code: PR5MEC24

RACK MOUNTING KIT
Order code: PR5MEC26

SURFACE CLIP HOLDER KIT
Order code: PR5MEC22

TSW2-SERIES REAR PANEL WITH DIN RAIL HOLDER
Order code: PR5MEC25

OTHER

2x3-PIN CONNECTOR
Order code: PR4RS06K

2x8-PIN CONNECTOR
Order code: PR4IO17K

CONSOLE CABLE 1.8M
Order code: PR2UR18M

ETHERNET CABLE 1.5M
Order code: PR2LA15B

USB 2.0 TYPE-A TO MICRO USB TYPE-B CABLE
Order code: PR2US08M

CONNECTOR SET
Order code: PR5MEC15

SIM ADAPTER KIT
Order code: PR5MEC19

DUST COVERS
Order code for RJ45: PR5MEC32
Order code for SFP: PR5MEC33

DEVICE COMPARISON

ROUTERS

PRODUCT KEY FEATURES	RUT140	RUT142	RUT200	RUT241	RUT260	RUT301	RUT361	RUT901	RUT906	RUT951	RUT956	RUTM08	RUTM09	RUTM10
5G														
4G/LTE			Cat 4	Cat 4	Cat 6		Cat 6	Cat 4	Cat 4	Cat 4	Cat 4		Cat 6	
2G/3G			2G/3G	2G/3G	3G		3G	2G/3G	2G/3G	2G/3G	2G/3G		3G	
CPU (MHz)	580	580	580	580	580	580	580	580	580	580	580	2×880	2×880	2×880
RAM (MB)	128	128	128	128	128	128	128	128	128	128	128	256	256	256
Flash memory (MB)	16	16	16	16	16	16	16	16	16	16	16	256	256	256
Passive PoE-in	•	•	•	•	•			•	•	•	•	•	•	•
Power voltage (VDC)	9-30	9-30	9-30	9-30	9-30	9-30	9-30	9-30	9-30	9-30	9-30	9-50	9-50	9-50
SIM card slots			1	1	1		1	2	2	2	2		2	
Ethernet ports	2	2	2	2	2	5	2	4	4	4	4	4	4	4
Ethernet speed (Mbps)	100	100	100	100	100	100	100	100	100	100	100	1000	1000	1000
Wi-Fi standard			n	n	n		n	n	n	n	n			ac
GNSS									•		•		•	
I/Os			2	2	2	4	4	2	7	2	7	2	2	2
RS232		•							•		•			
RS485									•		•			
Bluetooth														
USB						Host			Host		Host	Host	Host	Host
Integrated bracket	•	•												
Grounding terminal	•	•										•	•	•
RMS support			•	•	•	•	•	•	•	•	•	•	•	•
RutOS	•	•	•	•	•	•	•	•	•	•	•	•	•	•

PRODUCT KEY FEATURES	RUTM11	RUTX08	RUTX09	RUTX10	RUTX11	RUTX12	RUTX14	RUTXR1	RUTM50	RUTX50	RUTC50	OTD140	TCR100
5G									•	•	•		
4G/LTE	Cat 6		Cat 6		Cat 6	2 x Cat 6	Cat 12	Cat 6	Cat 19	Cat 20	Cat 20	Cat 4	Cat 6
2G/3G	3G		3G		3G	3G	3G	3G		3G		2G/3G	3G
CPU (MHz)	2×880	4×717	4×717	4×717	4×717	4×717	4×717	4×717	2×880	4×717	2×1300	580	650
RAM (MB)	256	256	256	256	256	256	256	256	256	256	512	128	128
Flash memory (MB)	256	256	256	256	256	256	256	256	256	256	512	16	16
Active PoE-out												802.3af	
Active PoE-in												•	
Passive PoE-in	•	•	•	•	•	•	•		•	•	•		
Power voltage (VDC)	9-50	9-50	9-50	9-50	9-50	9-50	9-50	9-50	9-50	9-50	9-50	42.5-57	9-30
SIM card slots	2		2		2	2	2	2	2	2	2	2	1
Ethernet ports	4	4	4	4	4	5	5	5	5	5	5	2	2
Ethernet speed (Mbps)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	100	100
Wi-Fi standard	ac			ac	ac	ac	ac	ac	ac	ac	ax		ac
GNSS	•		•		•	•	•		•	•	•		
I/Os	2	2	2	2	2	2	2		2	2	2		
RS232													
RS485													
Bluetooth				•	•	•	•						
USB	Host	Host	Host	Host	Host	Host	Host	Host	Host	Host	Host		
Integrated bracket													
Grounding terminal	•	•	•	•	•	•	•	•	•	•	•		
RMS support	•	•	•	•	•	•	•	•	•	•	•	•	•
RutOS	•	•	•	•	•	•	•	•	•	•	•	•	•

PRODUCT KEY FEATURES

	GATEWAYS									MODEMS			ACCESS POINTS	
	TRB140	TRB141	TRB142	TRB143	TRB145	TRB160	TRB246	TRB256	TRB500	TRM240	TRM250	TRM500	TAP100	TAP200
5G									•			•		
4G/LTE	Cat 4	Cat 1	Cat 1	Cat 4	Cat 1	Cat 6	Cat 4	M1/NB	Cat 20	Cat 1	M1/NB	Cat 19		
2G/3G	2G/3G	2G/3G	2G/3G	2G/3G	2G/3G	3G	2G/3G	NB2/ EGPRS	3G	3G/2G	2G	3G		
CPU (MHz)	1200	1200	1200	1300	1200	1200	580	580	1500				580	2×880
RAM (MB)	128	128	128	256	128	128	128	128	256				64	256
Flash memory (MB)	512	512	512	512	512	256	16	16	512				16	16
Active PoE-out														
Active PoE-in													•	•
Passive PoE-in	•			•		•								
Power voltage (VDC)	9-30	9-30	9-30	12-30	9-30	9-30	9-30	9-30	9-30	5	5	9-30	44-57	44-57
SIM card slots	1	1	1	1	1	1	2	2	1	1	1	1		
Ethernet ports	1			1		1	1	1	1				1	1
Ethernet speed (Mbps)	1000			1000		1000	100	100	1000				100	1000
Wi-Fi standard													n	ac
GNSS							•	•						
I/Os	2	8	2	2	2	2	7	7	2					
RS232			•				•	•						
RS485					•		•	•						
Bluetooth														
USB	Client	Client	Client		Client	Power/ Network			Client	Client	Client	Power/ Network		
Integrated bracket													•	•
Grounding terminal														
RMS support	•	•	•	•	•	•	•	•	•				•	•
RutOS	•	•	•	•	•	•	•	•	•				•	•
M-Bus				•										

PRODUCT KEY FEATURES

	ETHERNET SWITCHES												
	TSW010	TSW030	TSW040	TSW100	TSW101	TSW110	TSW114	TSW200	TSW202	TSW210	TSW212	TSW304	TSF010
Managed									•		•		
MRP									•		•		
STP/RSTP									•		•		
Profinet									•		•		
EtherNet/IP									•		•		
QoS									•		•		
Passive PoE-in	•					•	•					•	
Active PoE-out			802.3 af/at	802.3 af/at	802.3 af/at			802.3 af/at	802.3 af/at				
Power voltage (VDC)	9-30	7-57	7-57	7-57	9-30	9-30	9-30	7-57	7-57	7-57	7-57	7-57	7-57
Ethernet ports	5	8	8	5	5	5	5	8	8	8	8	4	5
SFP ports								2	2	2	2		
Ethernet speed (Mbps)	100	100	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	100
Integrated bracket	•	•	•				•	•	•	•	•	•	•
Grounding terminal		•	•	•	•	•	•	•	•	•	•	•	•
RMS support									•		•		
TswOS									•		•		

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Q-FLEX
www.q-flex.fi info@q-flex.fi
+358 2 4894 500

teltonika-networks.com

info@teltonika.lt