RUTM08

INDUSTRIAL WIRED ROUTER

RUTM08 360° VIEW

The RUTM08 is an industrial wired router designed for establishing reliable cable connections across a broad range of industrial applications. The router has four Gigabit RJ45 ports, which enable rapid network and data transmission between connected endpoints. The RUTM08 can support up to 128 tag/port-based VLANs for enhanced network flexibility as well as multiple VPNs and M2M communication protocols, which are particularly relevant in industrial environments.

TELTONIKA | Networks

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RUTM08

(9-50 VDC) + INPUT · OUTPUT - (GND)

Default IP: 192.168.1.1

USB

PWR   RESET   LAN1   LAN2   LAN3   WAN

GIGABIT ETH

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

VPN

Numerous VPN Protocols supported, including Tailscale, OpenVPN, IPsec, ZeroTier, and more

M2M PROTOCOLS

Multiple industrial protocols supported, including MQTT, Modbus, DNP3, DLMS

RMS

For remote management, access & VPN services

RMS
REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH RUTM08

MANAGEMENT | **ALERTS** | **CONFIGURATION** | **ACCESS** | **FOTA**

KEY FEATURES

HARDWARE

CPU	MediaTek MT7621A, Dual-Core, 880 MHz, MIPS1004Kc
Storage	16MB serial NOR flash, 256MB serial NAND flash
Memory	256MB, DDR3
Powering options	4-pin industrial DC power socket, 9 – 50 VDC
Ethernet	4 x RJ45 ports, 10/100/1000 Mbps
Inputs/Outputs	1 x Digital Input, 0 - 6 V detected as logic low, 8 - 50 V detected as logic high1 x Digital Output, Open collector output, max output 50 V, 300 mA
Other	1 x USB host
Grounding	1 x Grounding screw
Status LEDs	8 x LAN status LEDs, 1 x Power LED
Operating temperature	-40 °C to 75 °C
Housing	Anodized aluminum housing and panels
Dimensions (W x H x D)	115 x 32.2 x 95.2 mm
Weight	353 g

SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, SFTP, FTP, SMTP, SSL/TLS, ARP, VRRP, PPP, PPPoE, UPNP, SSH, DHCP, Telnet, SMPP, SMNP, MQTT, Wake On Lan (WOL)
Routing	Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP), Policy based routing
Firewall	Port forward, Traffic rules, Custom rules, Pre-configured firewall rules, DMZ, NAT, NAT-T, NAT helpers, Unlimited firewall configuration via CLI
Attack prevention	DDOS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), port scan prevention (SYN-FIN, SYN-RST, X-mas, NULL flags, FIN scan attacks)
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard, Tinc, Tailscale
Monitoring and Management	WEB UI, CLI, SSH, TR-069, SNMP, JSON-RPC, MQTT, MODBUS, RMS
Cloud solutions	RMS, FOTA, Azure IoT Hub, Cloud of Things, Cumulocity
Services	DDNS, VRRP, Wake On Lan (WOL), WEB filter, UPNP, Network shares (Samba), Traffic Logging
Administration	Multi user, Configuration profiles, Diagnostics, logs, Configuration backup

FRONT VIEW

Reset button

4 pin power socket — PWR RESET — LAN1 LAN2 LAN3 WAN — LAN ports — WAN port

BACK VIEW

Grounding screw — USB connector