RUT300

INDUSTRIAL CELLULAR ROUTER

RUT300 360°VIEW

// The RUT300 is a small, but powerful Ethernet router perfect for challenging industrial networking tasks as well as general networking applications.

// Five Ethernet ports, two configurable digital Inputs/Outputs, and a USB port to easily connect the various equipment to the internet.

// Preconfigured Firewall for immediate security and multiple top-rated VPNs.

// Passive PoE helps to reduce deployment complexity.

// Economical but a feature-rich industrial device that comes with all the benefits of RutOS and Remote Management System (RMS).

TELTONIKA | Networks

Made in Lithuania
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RUT300   CE EAC

(7-30V) + - (GND)
I/O   I/O

Default IP: 192.168.1.1
User/Pass: admin/admin01

INTERFACES

5 x Fast Ethernet ports (10/100 Mbps). 2 x Configurable digital Inputs/Outputs and USB 2.0

DURABILITY

Rugged aluminum housing capable to withstand harsh environments

VPN

Numerous VPN services including OpenVPN, IPsec, PPTP, L2TP & DMVPN, L2TP, DMVPN

RMS

For remote management, access & VPN services

PWR   RESET   USB

LAN1   LAN2   LAN3   LAN4   WAN

RMS
REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH RUT300

MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

KEY FEATURES

HARDWARE

CPU	QCA9531, MIPS 24kc, 650 MHz
Memory	64 MB, DDR2
Storage	16 MB, SPI Flash
Powering option	4 pin power socket, 7-30 VDC
Ethernet	5 x 10/100 Ethernet ports: 1 x WAN, 4 x LAN
Inputs/Outputs	On 4 pin socket: 2 x Configurable digital Inputs/Outputs open collector output
Other	1 x USB Host
Status LEDs	5 x Ethernet, 1 x Power
Operating temperature	-40 °C to 75 °C
Housing	Aluminium housing with DIN rail mounting option and grounding capability
Dimensions (W x H x D)	100 x 30 x 85 mm
Weight	229 g

SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSLv3, TLS 1.3, ARP, PPP, PPPoE, DHCP, Telnet
Routing	Static routes, Routing rules, Dynamic routes (BGP, OSPFv2, RIPv1/v2, EIGRP, NHRP
Firewall	Port forward, Traffic rules, Custom rules, Pre-configured firewall rules, DMZ, NAT, NAT-T, NAT helpers, Unlimited firewall configuration via CLI
Security	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
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, ThingWorx
Services	DDNS, Wake On Lan (WOL), WEB filter, UPNP, Network shares (Samba), Traffic Logging
Administration	Multi user, Configuration profiles, Diagnostics, logs, Configuration backup

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FRONT VIEW

BACK VIEW

LAN1   LAN2   LAN3   LAN4   WAN

WAN port   WAN port

Reset button

PWR   RESET   USB

4 pin power socket   USB connector