RUT142

RS232 INDUSTRIAL ROUTER

RUT142 360° VIEW

The RUT142 is a compact industrial Ethernet router, enhancing security through network isolation for end devices. Equipped with the RS232 serial interface, two Ethernet ports, DIN rail, and an industrial 3-pin connector, it ensures seamless connectivity and easy installation. The router comes with RutOS, Wi-Fi 4, and supports industrial protocols such as Modbus, DLMS, DNP3, and OPC UA, and is compatible with RMS for efficient remote and on-site management.

TELTONIKA | Networks

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RUT142

Power: 9-30 V ⎓   Default IP: 192.168.1.1

CONNECTIVITY

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

SERIAL INTERFACE

RS232 for serial communication

INDUSTRIAL DESIGN

Integrated DIN rail and a 3-pin power connector

RMS

Remote management, access & VPN services

RMS
REMOTE MANAGEMENT SYSTEM

COMPATIBLE WITH RUT142

MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

KEY FEATURES

HARDWARE

CPU	Mediatek, 580 MHz, MIPS 24KEc
Storage	16 MB serial NOR flash
Memory	128 MB, DDR2
Powering options	3-pos plugable terminal block, 9-30 VDC
Antenna connectors	1 x RP-SMA for Wi-Fi
Ethernet	2 x 10/100 Ethernet ports: 1 x WAN, 1 x LAN
WiFi	IEEE 802.11b/g/n, Access Point (AP), Station (STA)
Other	1 x Grounding screw
Status LEDs	1 x WAN type LED, 1 x LAN type LED, 1 x Power LED
RS232	1 x DB9 socket
Operating temperature	-40 °C to 75 °C
Housing	Aluminium housing with integrated din rail
Dimensions (W x H x D)	113.10 x 25 x 68.6 mm
Weight	149.2 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)
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard, Tinc
Monitoring and Management	WEB UI, CLI, SSH, SMS, Call, Email, TR-069, SNMP, JSON-RPC, MQTT, RMS
Cloud solutions	RMS, FOTA, Azure IoT Hub, Cloud of Things, Cumulocity
Hotspot	Captive portal (Hotspot), internal/external Radius server, SMS authorization, internal/external landing page, walled garden, user scripts, URL parameters, user groups, individual user or group limitations, user management, 9 default customizable themes and option to upload and download customised hotspot themes
Modbus	TCP Server, TCP Client, RTU(RS232)

FRONT VIEW — BACK VIEW

Front view labels: Power LED, Reset button, LAN port, WAN port, LAN LED, WAN LED, Wi-Fi antenna connector (RP-SMA female)

Back view label: Integrated DIN rail bracket

Labels: Chassis, VIN, VIN, Grounding screw