

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.



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

