zenitel

DATASHEET



2200003005

RUT240

4G/LTE cellular router, global coverage

- 4G/LTE (Cat 4) up to 150Mbps, 3G up to 42Mbps, 2G up to 236,8kbps
- WAN failover- Automatic switching to available backup connection
- Wireless Access Point with Hotspot functionality
- Small size – easy integration

Description

RUT240 is a compact, cost-efficient and powerful industrial grade LTE router for professional use. The cellular router delivers high performance for mission-critical communication in rigorous environments.

Easy network administration with external SIM card slot and LED indicators for signal strength. Two external antenna connectors for cellular network and one external connector for WiFi.

RUT240 is widely used for 4G backup, Remote Connection, Advanced VPN, and tunneling services in IoT networking solutions.

WAN failover ensures automatic switch to alternative backup connection in case of any connectivity issues.

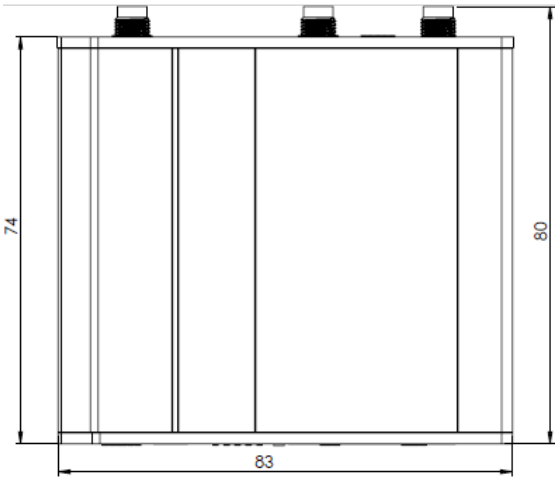
The Wi-Fi is functional in both: Access point and Station mode at the same time.

Technical Dimensions

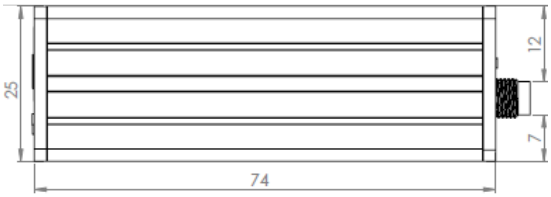
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Top view



Right view

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Specifications

MOBILE	
Bandwidth	4G (LTE) – Cat 4 up to 150 Mbps, 3G – Up to 42 Mbps, 2G – Up to 236.8 kbps
Status	Signal strength (RSSI), SINR, RSRP, RSRQ, EC/IO, RSCP, Bytes sent/received, connected band, IMSI, ICCID
Band management	Band lock, Used band status display

NETWORK	
Wireless mode	IEEE 802.11b/g/n, Access Point (AP), Station (STA)
WiFi security	WPA2-Enterprise - PEAP, WPA2-PSK, WEP, WPA-EAP, WPA-PSK; AES-CCMP, TKIP, Auto Cipher modes, client separation
SSID	SSID stealth mode and access control based on MAC address
WiFi users	Up to 50 simultaneous connections
Wireless hotspot	Captive portal (Hotspot), internal/external Radius server, built in customizable landing page
WAN	1 x WAN port (can be configured to LAN) 10/100 Mbps, compliance with IEEE 802.3, IEEE 802.3u standards, supports auto MDI/MDIX
LAN	1 x LAN port, 10/100 Mbps, compliance with IEEE 802.3, IEEE 802.3u standards, supports auto MDI/MDIX
Routing	Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, RIPng, OSPF6)

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	v1/v2, RIP ng, OSPF v3)
Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSL v3, TLS, ARP, VRRP, PPP, PPPoE, UPnP, SSH, DHCP, Telnet client, SNMP, MQTT, Wake On Lan (WOL)
VoIP passthrough support	H.323 and SIP-alg protocol NAT helpers, allowing proper routing of VoIP packets
Firewall	Port forward, traffic rules, custom rules
DHCP	Static and dynamic IP allocation, DHCP Relay, Relayd
SNMP	SNMP (v1, v2, v3), SNMP trap

SECURITY

Authentication	Pre-shared key, digital certificates, X.509 certificates
Firewall	Pre-configured firewall rules can be enabled via WebUI, unlimited firewall configuration via CLI; DMZ; NAT; NAT-T
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
VLAN	Port and tag based VLAN separation
Access control	Flexible access control of TCP, UDP, ICMP packets, MAC address filter

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POWER

Input voltage	9-30 VDC, reverse polarity protection, surge protection >33 VDC 10us max
Power consumption	< 6.5 W Max

MECHANICAL

Enclosure	Aluminium housing with DIN rail mounting option, plastic panels
Dimensions (W x H x D)	83 x 25 x 74 mm
Weight	125 g
Mounting options	Bottom and sideways DIN rail mounting slots
Operating temperature	-40 °C to 75 °C
Humidity	10% to 90% non-condensing
IP rating	IP30

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