

RUT240

LTE CAT4 INDUSTRIAL CELLULAR ROUTER

Compact, robust and powerful device tailored for Industrial M2M/IoT applications. RUT240 is equipped with 2 x Ethernet and Wireless interfaces with Hotspot functionality. Device provides secure and stable Internet connectivity for Industrial applications using RutOS software and security features such as OpenVPN, IPsec, Firewall, Hotspot, SMS control and RMS support.



VALUABLE

Compact size
Feature-rich
Suitable for multiple sectors

FLEXIBLE

WiFi with hotspot functionality
3 alternative Internet sources
Digital I/O

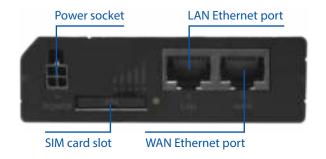
SECURE

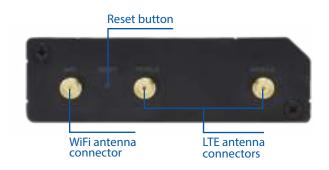
Multiple VPN options

Embedded Firewall

Various encryption protocols supported







Hardware

Mobile	4G (LTE) – Cat 4 DL up to 150 Mbps, UL up to 50Mbps; DC-HSPA+; UMTS; TD-SCDMA; EDGE; GPRS
CPU	Atheros Hornet, MIPS 24Kc, 400 MHz
Memory	16 MBytes Flash, 128 MBytes DDR2 RAM
Ethernet	2 x 10/100 Ethernet ports: 1 x WAN (configurable as LAN), 1 x LAN
Power supply	9 – 30 VDC, 4 pin DC connector
Inputs/Outputs	1 x Digital Input, 1 x Digital Open Collector Output on power connector
Connectors	1 x 4 pin DC, 2 x Ethernet, 2 x Mobile SMA, 1 x WiFi RP-SMA
SIM	1 x external SIM holder
Status LEDs	2 x connection type status, 5 x connection strength, 2 x LAN status, 1 x Power
Operating temperature	-40 °C to 75 °C
Housing	Aluminium housing, plastic panels
Dimensions	83 mm x 74 mm x 25 mm
Weight	125 g

Software

Operating system	RutOS (OpenWrt based Linux OS)	
Multiple PDN	Possibility to use different PDNs for multiple network access and services	
Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DHCP, DNS, HTTP, HTTPS, SSL v3, TLS, ARP, PPPoE, UPNP, SSH, Telnet, SNMP	
Networking features	NAT, Static/Dynamic routing, Firewall, OpenVPN, IPsec, H.323 and SIP-alg protocol NAT helpers, allowing proper routing of VoIP packets	
Unique networking features	VLAN, Load balancing, Mobile quota control, WEB Filter, Network Backup, Auto Failover	
Connection monitoring	Ping Reboot, Periodic Reboot, Wget Reboot, LCP and ICMP for link inspection	
Authetication	Pre-shared key, digital certificates, X.509 certificates	
Keep settings	Update FW without losing current configuration	
Monitoring & Management	WEB UI, SSH, SMS, SNMP, JSON-RPC, FOTA, RMS	
Supported languages	Busybox shell, Lua, C, C++	
Development tools	SDK package with build environment provided	

