

TTK-RUTXR1

Teltonika Industrial 4G (LTE) Cat 6 Wave-2 802.11ac Dual Band Wi-Fi router

Product Overview

Teltonika Industrial 4G (LTE) Cat 6 Wave-2 802.11ac Dual Band Wi-Fi router, Quad Core CPU
4x LAN ports 10/100/1000 Mbps, 1x WAN port (can be used as LAN) 10/100/1000 Mbps, 1x SFP port, RUTXR1



Specifications

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Specifications

Product Code	TTK-RUTXR1
MOBILE	
Mobile module	4G (LTE) - Cat 6 up to 300 Mbps, 3 - up to 42 Mbps
SIM switch	2 SIM cards, one for each mobile module, auto switch cases: weak signal, data limit, SMS limit, roaming, no network, network denied, data connection fail, SIM idle protection (planned)
Status	Signal strength, SINR, RSRP, RSRQ, Bytes sent/received
SMS	SMS status, SMS configuration, send/read SMS via HTTP POST/GET, Email to SMS, SMS to Email, SMS to TTP, SMS to SMS, SMS auto replay, scheduled SMS (planned), SMPP (planned)
Black/White list	Operator black/white list
Multiple PDN	Possibility to use different PDNs for multiple network access and services
Band management	Band lock, Used band status display
APN	Auto APN
Bridge mode	Direct connection (bridge) between mobile ISP and device on LAN
ETHERNET	

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WAN	WAN port 10/100/1000 Mbps, compliance with IEEE 802.3, IEEE 802.3u, 802.3az standards, supports auto MDI/MDIX crossover, Fiber - 1 x SFP port (cannot work simultaneously with Ethernet WAN port)
LAN	4 x LAN ports, 10/100/1000 Mbps, compliance with IEEE 802.3, IEEE 802.3u, 802.3az standards, supports auto MDI/MDIX
NETWORK	
Routing	Static routing, Dynamic routing (BGP, OSPF v2, RIP v1/v2, EIGRP, NHRP)
Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSL v3, TLS, ARP, VRRP, PPP, UPNP, SSH, DHCP, Telnet, SNMP, MQTT, Wake on LAN (WOL)
VoIP passthrough support	H.323 and SIP-alg protocol NAT helpers, allowing proper routing of VoIP packets
Connection monitoring	Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection
Firewall	Port forwards, traffic rules, custom rules
QoS / Smart Queue Management (SQM)	Traffic priority queuing by source/destination, service, protocol or port, WMM, 802.11e
DHCP	Static and dynamic IP allocation, DHCP Relay, Relayd
DDNS	Supported >25 service providers, others can be configured manually
Network backup	VRRP, Mobile, Wired, Fiber and WiFi WAN options, each of which can be used as an automatic Failover
Load balancing	Balance Internet traffic over multiple WAN connections
SSHFS (optional)	Possibility to mount remote file system via SSH protocol (not available in standard FW)
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 based and tag based VLAN separation
Mobile quota control	Custom data limits for both SIM cards
WEB filter	Blacklist for blocking out unwanted websites, Whitelist for specifying allowed sites only
Access control	Flexible access control of TCP, UDP, ICMP packets, MAC address filter

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/TTK-RUTXR1-Teltonika-Industrial-4G-LTE-Cat-6-Wave-2-Buy-p-250837.php>

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