

# TCR100



TCR100 360 VIEW

## 4G WI-FI ROUTER FOR HOME USER

// This router represents our extensive industrial IoT experience brought straight to your home.

// With 4G LTE-A technology you can use TCR100 as a primary or a backup connectivity source.

// Two Ethernet interfaces and Dual-band Wi-Fi allow to connect multiple devices with ease!

// TCR100 features connectivity indicators, Wi-Fi, and Wi-Fi Protected buttons for quick and simple setup.

// Reliable, secure and easy to use – TCR100 is the perfect choice for any home network.



### 4G LTE-ADVANCED

LTE CAT6 enables cellular speeds up to 300Mbps with carrier aggregation

### WI-FI

Dual-Band with 2.4 GHz & 5.0 GHz frequencies

### SECURE

Firewall and numerous VPN services including OpenVPN, IPsec, PPTP, L2TP & DMVPN

### RUTOS

Powerful OS with intuitive UI based on OpenWrt empowers endless configuration possibilities.



# RMS

REMOTE  
MANAGEMENT  
SYSTEM

# COMPATIBLE WITH TCR100

MANAGEMENT

ALERTS

CONFIGURATION

ACCESS

FOTA

# KEY FEATURES

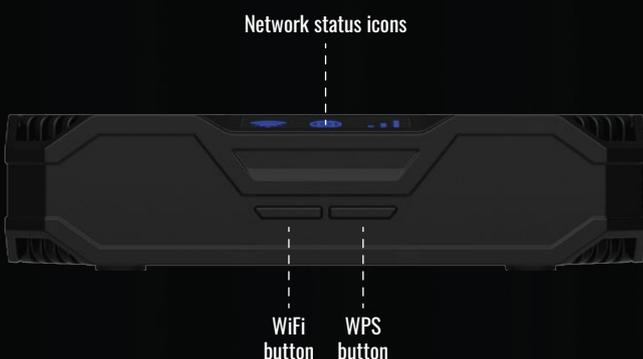
## HARDWARE

Mobile	4G/LTE (Cat 6), 3G
CPU	Qualcomm, MIPS 24Kc, 650 MHz
Memory	16 MBytes Flash, 128 MBytes RAM
Powering option	4pin power socket, 9-30 VDC
SIM	1 x External SIM holder (2FF)
Antenna connectors	2 x SMA for mobile
Ethernet	2 x 10/100 Ethernet ports: 1 x WAN (configurable as LAN), 1 x LAN
WiFi	2.4 GHz (802.11 b/g/n, 2x2 MIMO), 5 GHz (802.11 ac, 1x1 MIMO), Access Point (AP), Station (STA)
Status LEDs	1 x Internet, 1 x WiFi, 3 x Mobile connection strength, 2 x Ethernet status
Operating temperature	-40 °C to 75 °C
Housing	Plastic housing with aluminum screws and heatsink
Dimensions (W x H x D)	150 x 37 x 105 mm
Weight	376 g

## SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
Mobile features	Auto APN, Band lock
Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSLv3, TLS 1.3, ARP, PPP, PPPoE, DHCP, Telnet
Network	Failover (Network backup), VLAN, QoS, Load Balancing
Security	DDOS prevention (SYN flood protection, SSH attack prevention, HTTP/HTTPS attack prevention), Port
VPN and tunneling	OpenVPN, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard
Monitoring and Management	WEB UI, CLI, SSH, CALL, SMS, TR-069, SNMP, JSON-RPC, MQTT, MODBUS, RMS
Connection monitoring	Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection
Cloud solutions	RMS, FOTA, Azure IoT Hub, Cloud of Things, Cumulocity, ThingWorx
SMS features	SMS status, SMS configuration, Send/Read SMS via HTTP POST/GET, EMAIL to SMS, SMS to Email, SMS to HTTP, SMS to SMS, scheduled SMS, SMS autoreply
SMS features	DDNS, VRRP, Wake On Lan (WOL), WEB filter, UPNP, Network shares (Samba), Traffic Logging

### FRONT VIEW



### BACK VIEW

