TVU ROUTER (RD100)

Advantages

- △ Reliable, high-speed access point and network accelerator for anywhere use
- △ Portable, lightweight form factor
- △ Aggregates multiple connection types including 4G/LTE cellular, cable, satellite, Ethernet or WiFi
- △ Easy setup for rapid deployment
- △ Features hotspot functionality for multiple user support

Fully industrial-grade design

- △ Can be used in wide range of industrial scenarios
- △ IP30, metal housing with fan-less cooling
- △ wide operating temperature range and wide voltage range
- △ Comply iwth EMC level 4, magnetic Field Immunity
- △ 1500 hours testing under high temperature and high humidity
- △ Designed for resistance to voltage fluctuations, high electromagnetic radiation, dust and humidity and extreme environment

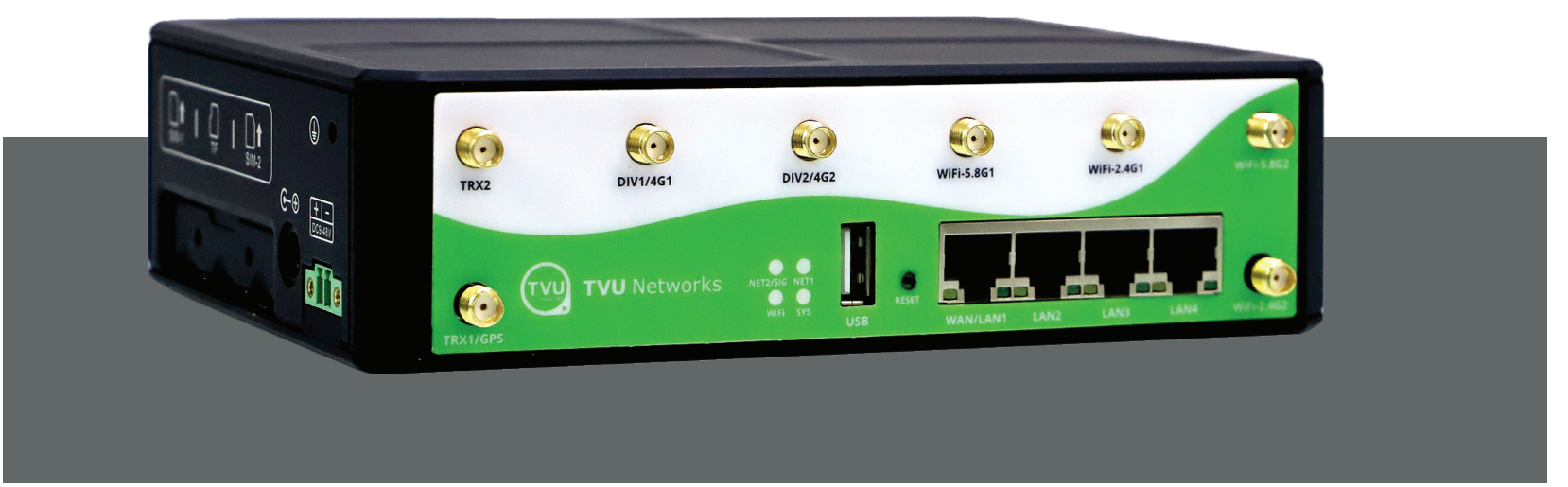
TVU Router(IoT version) delivers highly reliable best-in-class high-speed internet connectivity wherever you go.

TVU Router keeps you truly connected

Featuring proprietary Inverse StatMux Plus (IS+) and data transmission tech- nology, TVU Router can be used anywhere.

TVU Router's unmatched high bandwidth IP connection works by aggregating and maximizing the use of multiple available communication links, include 2 embeded 4G/5G module, 1 outside usb module and at most 2 WAN connection and 2 Wifi, ensuring true channel aggregation, resulting in higher available bandwidth and network acceleration (up to 50Mbps).

Small size, only 0.62 kg, can be installed in many small space places, providing high speed and stable bandwidth with IoT equipment.



Technical Specifications*

Supported Application

FTP, HTTP, IMAP, NTP, POP, RTP, RTSP, SMTP, SNMP, SSH, Telnet

Supported Transport

TCP, UDP

Supported Internet Layers

IPv4, ICMP

Transmission

Inverse StatMux Plus (IS+)

Encryption

Yes

Supported WAN Connections

Simultaneously aggregates up to 7 data connections including cellular 3G/4G/5G, Ethernet, usb wireless module, Wi-Fi, WiMax, Microwave and Ka, Ku, BGAN Satellite (Two type: type1: 2x4G/LTE; type2: 1x4G/LTE+1x5G)

WAN Connections

4x LAN Ethernet (RJ45, 1GbE can be changed to WAN) ,1x USB 2.0,1x WiFi(802.11b/g/n)

DC Input

2PIN and Coaxial power connector, +9V~+48V DC, Working power consumption: 650mA@12V DC

Built-in battery

No

Operating Temperature

-30°C to 75°C

Hardware Dimensions

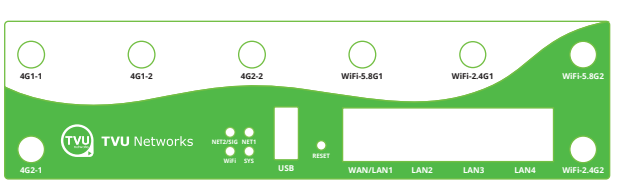
Length×Width×Height(mm) 180×125×48

Weight

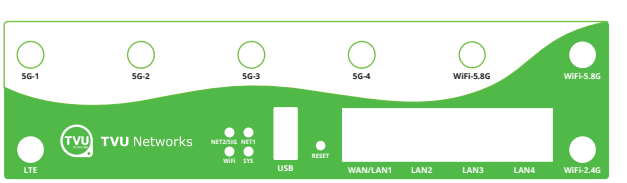
620g

Version model

IoT Router 4G Version



IoT Router 5G Version



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*Specifications are subject to change.