



TVU Router

Advantages

- △ Reliable, high-speed access point and network accelerator for anywhere use
- △ Available in powerful, portable and light weight models
- △ Aggregates multiple connection types including 4G, 5G, LTE, cable, satellite, Ethernet and Wi-Fi
- △ Easy setup for rapid deployment
- △ Hot-spot functionality for multiple user support

Fastest Router, Gigabit Internet.

The portable Internet access point that delivers up to 4Gbps of secure, high-speed connectivity. Ideal for immediate file transfers, live streaming and public safety applications.

Highest bandwidth reliability under various extreme network environments.



www.tvunetworks.com
857 Maude Avenue, Mountain View, CA, 94043
+ 1.650.969.6732

Features

Easy Configuration

Quick setup and easy configuration make it possible to have TVU Router up and running in just seconds. Optimized for international use with intelligent data link configuration based on user location to avoid data congestion.

Optimization

TVU Routers offer a balance between cost and stability. Simply set priority levels on each data link to ensure the cheapest links are used first. Different capping rates can also be set on each link to control costs.

Cloud Based Analytics

Monitor your devices in real-time, including location tracking. Improve device efficiency by checking each wireless link signal for speed and stability.

IS+ Transmission

TVU's patented IS+ technology, embedded in every TVU Router, aggregates multiple communication links including 4G, 5G, LTE, cable, satellite, Ethernet and Wi-Fi to ensure the highest level of stability and reliability every time. IS+ efficiently uses data for optimal bandwidth performance regardless of the wireless network provider.

Seamless Integration

TVU Router solutions supports all public TCP and UDP protocols with our multiplexed transmission protocol. It also supports extensive third party protocols including NDI, SRT, 2110 JPEG XS and more. Easily connect routers to your decoders, switchers, remote cameras and audio call panels.



www.tvunetworks.com
857 Maude Avenue, Mountain View, CA, 94043
+ 1.650.969.6732



TVU Router (rack-mounted)



**5G
READY**

Transmission Technology	Inverse StatMux Plus (IS+)	LAN Interface	4 x Ethernet interface (Gigabit RJ45) and WiFi hotspot
Data Throughput	Up to bidirectional 4GB / S	LAN Dynamic Host Configuration Protocol	Up to 30 devices are supported
Application Protocol	FTP, HTTP, IMAP, NTP, POP, RTP, RTSP, SMTP, SNMP, SSH, Telnet	Power Supply	Main and standby dual power supply
Transmission Protocol	TCP, UDP, RDP	Power Input	100-240V AC, 50/60Hz 5.2-2.6A
Internet Protocol	IPv4, ICMP	Web-base Management Kanban and Analysis Tools	Support history and real-time viewing
Failover Support	Seamless switching	Router Connection	One click to start and connect
Data Encryption	Encryption	Dimension	1U, 482.6 x 44.4 x 257.05 mm 19" x 1.75" x 10.1"
Start-up time	Less than 20 seconds	Weight	4.3kg
Multi link numers	At least 8 channels of bandwidth can be bundled simultaneously, including one channel of Wi-Fi, one channel of Ethernet and 6 channels of 3G/4G/5G/LTE cellular networks. Signal types include Wi-Fi 2.4Ghz/5Ghz, Wimax, Ethernet, microwave and Ka-band, Ku-band and BGAN satellite links.	Antenna	IP67 SMA
WAN Interface	6 x Built-in LTE modern and SIM card slot, 1 x WiFi, 1 x Ethernet interface (Gigabit RJ45)	Application	GE wireless VPN



www.tvunetworks.com
857 Maude Avenue, Mountain View, CA, 94043
+ 1.650.969.6732



TVU One Gigabit multi-network aggregation router (Ultimate edition)

**5G
READY**

Application protocol	FTP, HTTP, IMAP, NTP, POP, RTP, RTSP, SMTP, SNMP, SSH , Telnet
Transmission protocol	TCP, UDP, RDP
Internet protocol	IPv4, ICMP
Transmission technology	Inverse StatMux Plus (IS+)
Data encryption	Encryption
Multi link numbers	Up to 12 channels of bandwidth can be bundled simultaneously, supporting 3G, 4, 5G/ LTE, cellular networks, 2.4GHz / 5GHz WiFi, Wimax, Ethernet, microwave and Ka-band, Ku-band and BGAN satellite links
Interface	6 Micro SIM card slots (3FF), 3 USB2.0 interfaces, 1 USB Type-C interface, 1 RJ45 Gigabit Ethernet interface, WiFi (802.11b / g / n / ac, 2.4G/ 5GHz)
Power Input	11-18V Right Angel Mini Jack DC
Inside Battery	Lithium battery, can be used for 2 hours
Working temperature	0°C to 40°C
Dimension	19cm x 12cm x 7cm
Weight	1000g
Antenna	Internal
Maximum Bandwidth (bps)	100M
Application	100M Mobile VPN



www.tvunetworks.com
857 Maude Avenue, Mountain View, CA, 94043
+ 1.650.969.6732



TVU Nano

The most portable multi-network aggregation router (Professional Edition)

Application protocol	FTP, HTTP, IMAP, NTP, POP, RTP, RTSP, SMTP, SNMP, SSH , Telnet
Transmission protocol	TCP, UDP, RDP
Internet protocol	IPv4, ICMP
Transmission technology	Inverse StatMux Plus (IS+)
Data encryption	Encryption
Multi link numbers	Up to 5 channels of bandwidth can be bundled simultaneously, supporting 3G, 4/ LTE, cellular networks, 2.4GHz / 5GHz WiFi, Wimax, Ethernet, microwave and Ka-band, Ku-band and BGAN satellite links
Interface	3 Micro SIM card slots (3FF), 2 USB2.0 interfaces, WiFi (802.11b / g / n / ac, 2.4G/ 5GHz)
Power Input	USB-C Interface, 20v, 2.25A
Inside Battery	Lithium battery, can be used for 1.5 hours
Working temperature	0°C to 40°C
Dimension	16cm x 8cm x 3cm
Weight	500g
Antenna	L SMA
Maximum Bandwidth (bps)	100M
Application	Ultra portable



www.tvunetworks.com
857 Maude Avenue, Mountain View, CA, 94043
+ 1.650.969.6732



TVU multi-network aggregation APP SDK

Operating System

iOS, Android

Aggregable Network Interface

Mobile 4G/5G, WiFi, Bluetooth network equipment, Ethernet to interface

Third-party Integration

SDK development kit provides stable Internet access for third-party applications

Maximum Bandwidth (bps)

50 M

Application

APP SDK



www.tvunetworks.com
857 Maude Avenue, Mountain View, CA, 94043
+ 1.650.969.6732