



### 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

# TVU Router

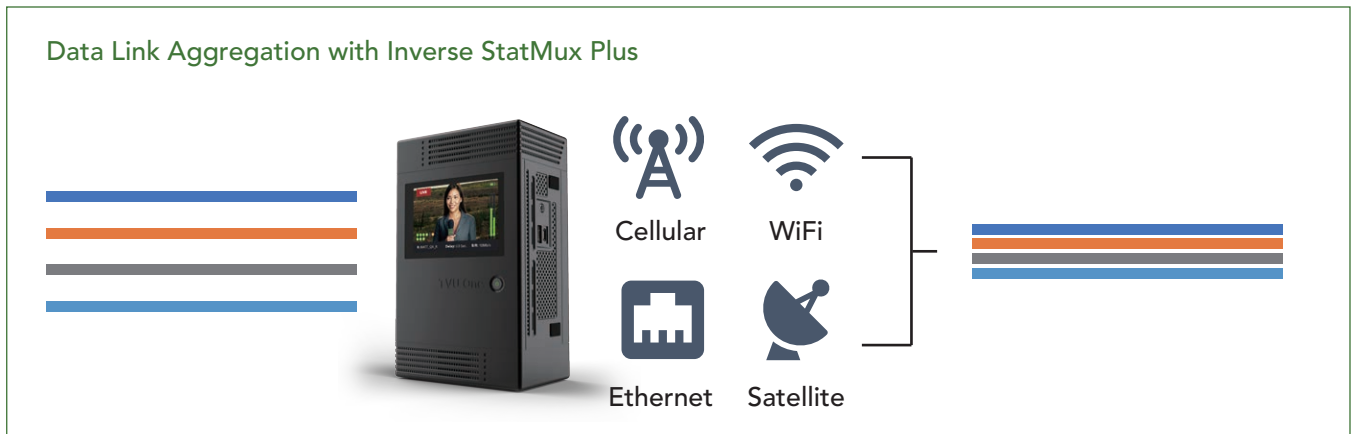
## Incredible Internet Anywhere

TVU Router 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 technology, 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, ensuring true channel aggregation, resulting in higher available bandwidth and network acceleration (up to 200Mb/s).

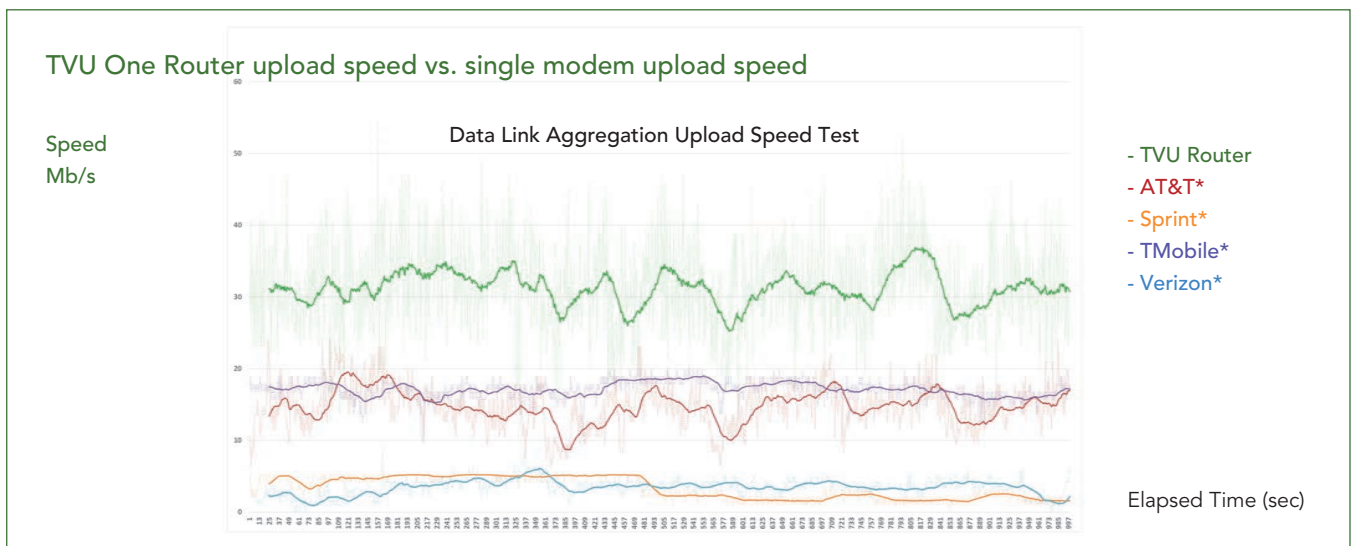


## High Speed Connectivity and Superb Reliability Anywhere

TVU Router is designed for maximum reliability and flexibility, supporting multiple communication links simultaneously, including 4G/LTE cellular, Cable, DSL, Satellite, or WiFi. Router goes beyond basic load balancing and channel switching by dynamically aggregating up to 12 data links. TVU Router supports multiple 4G/LTE connections from multiple carriers for outstanding, industry-leading performance to power even the most demanding and data-intensive applications anywhere.

In addition, TVU Router is compatible with high-speed file transfer applications such as Aspera\* and FileCatalyst®\* for even greater performance.

With a diversified WAN connectivity, network stability is maximized, while minimizing failure risk.



## Designed for Rapid Deployment – Portable and Easy Set up

Powered by a rechargeable internal battery and equipped with antennas, TVU Router can be used in the field, carried, or mounted in a vehicle. With quick set up, easy configuration, and a variety of portable carrying and mounting options, TVU Router offers rapid deployment.



## Industry Use Cases

**Broadcast** – Remote file transfers of large files (video, audio, pictures, etc.)

**Enterprise Failover** – Branch/remote office network failover and business continuity

**Corporate** – High-speed remote server access for newsroom production systems, MAMs, network editing and others

**Disaster Recovery** – Provide quick to deploy contingent network connectivity

**First Responders and Law Enforcement** – In-Vehicle connectivity to vital applications to support field operations.

**Transit Connectivity** – High speed connectivity for connected vehicles to enable connected services and WiFi hotspot for transit passengers

**Event Connectivity** – High speed connectivity to support event operations such as POS, credentialing systems, surveillance, and audience WiFi hotspot

**Telemedicine** – High speed connectivity to support remote/temporary health operations including medical imaging, video conferencing, TVU Router Data Sheet and access to electronic medical records

**Industrial** – High speed connectivity to support construction sites and hazardous operations such as IoT network backbone, remote video, automation, surveillance, and robotic control

**Consumer** – High performance, Mobile WiFi hotspot

## TVU Router Models

**TVU Nano** – The entry-level TVU Router platform runs on TVU Nano. The ultra-compact and low-cost unit offers maximum portability and is perfect for users with basic high-speed network access needs, remote branch office connectivity with failover, and IoT connectivity.



**TVU One** – The professional grade TVU Router platform uses TVU One. The rugged, portable unit is designed for maximum performance for users with demanding high-speed network access requirements such remote locations, congested and metropolitan areas, and in-vehicle and in-motion applications.



## Technical Specifications\*

	TVU Nano	TVU One
Transmission	Inverse StatMux Plus (IS+)	Inverse StatMux Plus (IS+)
Router Throughput	Up to 200Mb/s duplex	Up to 200Mb/s duplex
Supported Application Layers	FTP, HTTP, IMAP, NTP, POP, RTP, RTSP, SMTP, SNMP, SSH, Telnet	FTP, HTTP, IMAP, NTP, POP, RTP, RTSP, SMTP, SNMP, SSH, Telnet
Supported Transport Layers	TCP, UDP, RDP	TCP, UDP, RDP
Supported Internet Layers	IPv4, ICMP	IPv4, ICMP
Failover Support	Seamless	Seamless
Encryption	Yes	Yes
Start-up Time	Less than 20 seconds	Less than 20 seconds
Supported WAN Connections	Simultaneously aggregates up to 5 data connections including WiFi and Ethernet (via adapter). System supports cellular 3G/4G/LTE modems, 2.4 Wi-Fi, WiMax, Ethernet, Microwave and KaBand, KuBand, BGAN Satellite connections.	Simultaneously aggregates up to 12 data connections including WiFi and Ethernet. System supports cellular 3G/4G/LTE modems, 2.4 / 5GHz Wi-Fi, WiMax, Ethernet, Microwave and KaBand, KuBand, BGAN Satellite connections.
WAN Connections	3 x LTE embedded modems and SIM card slots, 2 x USB 2.0 (micro) , 1 x WiFi (802.11 b/g/n/ac 2.4 / 5 GHz) , 1 x Ethernet (RJ45, 1 GbE via USB adapter )	6 x LTE embedded modems and SIM card slots, 3 x USB 2.0, 1 x USB-C, 1 x WiFi (802.11 b/g/n/ac 2.4 / 5 GHz), 1 x Ethernet (RJ45, 1GbE)
LAN	Ethernet (RJ45, 1GbE via Adpater) and WiFi Hotspot (WAP, 802.11b/c/g, 2.4 GHz)	Ethernet (RJ45, 1GbE) and WiFi Hotspot (WAP, 802.11b/c/g/ac, 2.4/5GHz)
LAN DHCP	Yes, up to 10 devices	Yes, up to 10 devices
Power Source	A single removable, rechargeable Li-ion internal battery	A single removable, rechargeable Li-ion internal battery
Internal Battery Run Time	60 minutes	90 minutes
DC Input	USB-C	Right angle Mini Jack DC input that connects to external. battery or supplied AC adapter. External power adapter: 11-18V DC.
Web-based Dashboard and Analytics	Historical and Real-time	Historical and Real-time
Router Controls	One button start and connection	One button start and connection
Hardware Dimensions	16cm x 8cm x 3cm (6.2" x 3.25" x 1.2")	19cm x 12cm x 7cm (7.48" x 4.72" x 2.76")
Weight	17 oz / 0.5 kg	2.2 lbs / 1 kg
Carrying Case	N/A	Belt-mount or shoulder bag carrying case options with hot swappable battery mount
Operating Temperatures	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)



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\*\*Specifications and features are subject to change.

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