



VISLINK

PRODUCT DATASHEET

TVUPack Powered by VISLINK Hybrid Technology

TVU Networks and VISLINK have joined together to develop a new unique IP based live video mobile broadcast backpack.

Introducing the newest addition to the hybrid mobility toolkit, TVUPack powered by VISLINK Hybrid Technology. This integrated package combines the best in cellular transmission technology from TVU and the award winning proven microwave transmission technology from VISLINK to deliver reliable live HD video picture quality on the go.

The TVUPack TM8200 with VISLINK microwave provides a flexible platform which utilizes any and all 3G/4G/LTE, microwave, satellite, Ethernet, wireless and even BGAN connections simultaneously. This powerful device aggregates all connections for maximum transmission throughput.

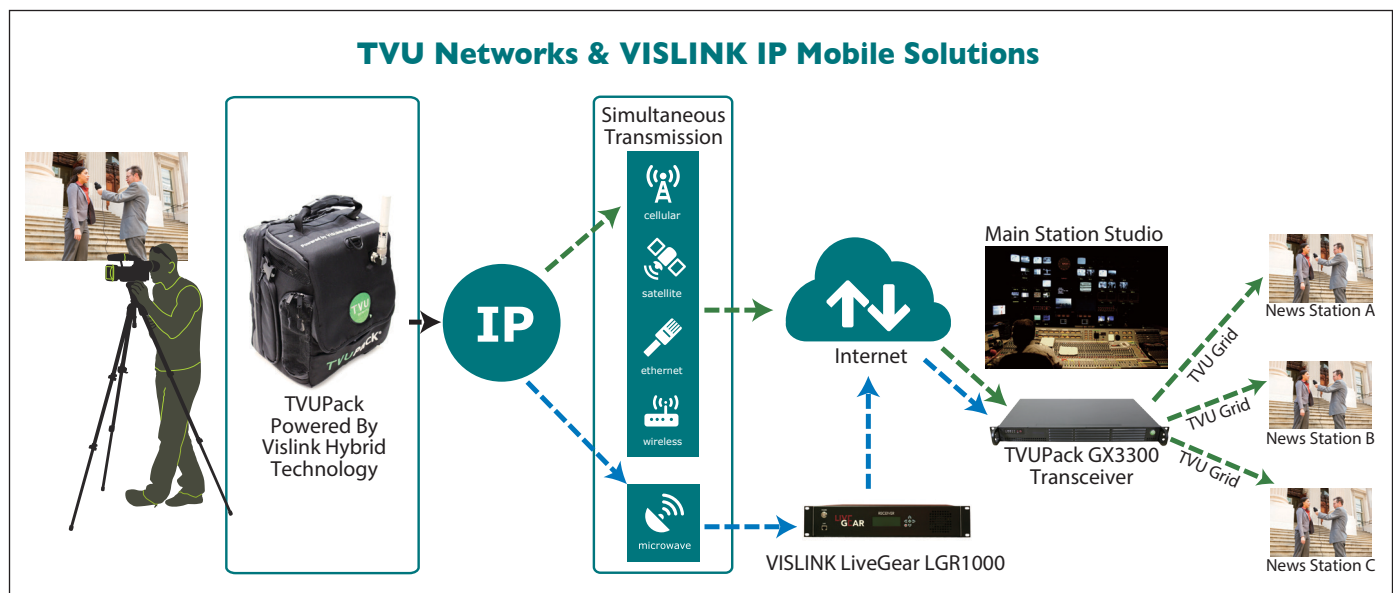
In addition, you can add or remove connections at anytime without needing to stop the transmission. The unit will automatically recognize any new connections and add it as an available transmission path. If a connection is removed or lost, the system will automatically shift transmission to the remaining available connections. In either scenario, the live video stream is neither disrupted nor lost, delivering smooth and dependable transmissions as bandwidth availability and signal levels change.



Loaded With Features to Meet the Needs of Any Broadcaster

- Mobile lightweight design supports multiple 3G/4G/LTE cellular modems, as well as 2 or 7 GHz microwave
- Live high quality HD/SD video and audio
- Efficient algorithms provide superior, robust, and persistent video transmission
- Leading-edge H.264 adaptive bit-rate encoding technology producing remarkable video resolution with minimal latency
- Exclusive predictive forward error correction algorithms yield unparalleled signal integrity
- Features dual encoders providing simultaneous live transmission and pristine HD stored copy
- Easy one button operation
- Boots in as fast as 20 seconds from a cold start

TVU Networks & VISLINK IP Mobile Solutions





Share Live Transmission Anywhere

The new TVUPack powered by VISLINK Hybrid Technology is fully compatible with TVU Grid, TVU's powerful, dynamic IP-based video switching, routing and distribution solution. With TVU Grid, broadcasters can route live low-latency, professional-quality video streams over IP to one or more Grid-enabled news stations anywhere in the world as it is happening. Additionally, TVU Grid is designed to work with a broadcast organization's existing network infrastructure.

Contact

Contact TVU Networks or VISLINK today for more information or to arrange a demonstration.

For TVUPack Sales Inquiries:

Telephone: +1.650.969.6732

Email: info@tvunetworks.com

For VISLINK Sales Inquiries:

Telephone: +1.978.671.5700

Email: sales@VISLINK.com

If you are a current TVUPack TM8200 customer, please contact TVU or VISLINK to learn how to upgrade your pack to include VISLINK Hybrid Technology.

SPECIFICATIONS

VIDEO

Video Input Resolution

- HD/SD-SDI or HDMI
- 1080i 59.94/50, 720p 59.94/50, 576i 50, 480i 59.94

Audio Input

- Embedded 2 channel

Audio/Video Encoding

- TVU 264 purpose-built enhanced H.264 encoder

Start-up Time

- Less than 20 seconds

Glass-to-Glass Latency

- As low as sub-one second

External Interface Connectors

- SDI, HDMI, Ethernet, IFB

HARD DISK STORAGE

On-pack Video Storage

- SSD hard drive with up to 5.5 hours of continuous recording

TRANSMISSION

Supported Data Connections

- Simultaneously aggregates up to 8 data connections
- System supports cellular 3G/4G/LTE, Wi-Fi, 5GHz Wi-Fi, 802.11ac Wi-Fi, WiMax, Microwave and KaBand, KuBand, BGAN Satellite connections

Licensed Microwave

- 2.0–2.7 GHz (+23 dBm)
- 6.4–7.1 GHz (+23dBm)*
(consult factory for availability and other bands)

Modulation Bandwidth Support

- DVB-T - 6, 7, 8 MHz
- LMS-T -10 MHz

Technology

- Hybrid Microwave Technology
- Easy adoption and integration with TVU GRID

POWER

Power Source

- Dual hot swappable Gold Mount Anton Bauer batteries or optional V Mount batteries
- External Power Adapter: 100V to 240V AC

Battery Run Time

- Can run up to four hours in two battery configuration

CONTROL/DISPLAYS

Transmitter Controls

- One button start
- On-pack monitoring and management
- Remote monitoring and management using mobile smart device or laptop

Encoder Hardware Dimensions

- 2 1/4" (D) x 7.25" (W) x 8.5" (H)
- 5.5 cm (D) x 18.4 cm (W) x 21.5 cm (H)

ENVIRONMENTAL

Operating Temperatures

- 0°C to 40°C (32°F to 104°F)

PHYSICAL

Backpack Dimensions

- 7 3/4" (D) x 11" (W) x 13.5" (H)
- 19.6 cm (D) x 27.9 cm (W) x 34.2 cm (H)

Weight

- 13.5 lb/6.12 kg without batteries