



# TVU TM930

## Advantages

- △ Aggregates multiple cellular 3G/4G/LTE/5G, WiFi and/or Ethernet data connections
- △ Provides flexibility of embedded and external cellular modems
- △ Features Inverse StatMux technology for transmission reliability and resiliency
- △ Portable form factor for easy go-anywhere use

## Affordable Live Streaming Transmitter with Robust Features

Operating on a budget doesn't mean you have to compromise on quality. TVU's TM930 uses the same award-winning technology available in higher end portable transmitters. The TM930 aggregates multiple cellular, Ethernet and WiFi connections together with TVU's proprietary Inverse StatMux technology for video transmission resiliency.



The TM930 is also easy to use with one-button operation and fast start-up. It can also act as a gateway to the Internet with the optional hotspot feature, permitting access to the Internet.

- Supports up to three embedded and four external cellular modems
- Aggregates multiple cellular, Ethernet and WiFi connections
- Streams video in low sub-second latency
- Includes on-board storage for pristine recorded video
- Uses integrated software based encoding to allow for easy, remote product updates and upgrades

## TM930 Technical Specifications\*

### Video Input Resolution

HD/SD-SDI or HDMI 1 x HD/SD-SDI (BNC) input –1080P/60P, 720-59.94P/50P, 1080-59.94P/50P, 1080-59.94i/50i, 480-59.94i/480-29.97P, 576-50i/576-50p 1 x HDMI (Type A) - 720-59.94P/50P, 1080-59.94i/50i, 480-59.94i/480-29.97P, 576-50i/576-50p

### Audio Input

Embedded up to 4-channel audio

### Audio/Video Encoding and compression

H.264 or Optional H.265/HEVC

### Transmission

Inverse StatMux or Optional Inverse StatMux Plus

### Dual Encoders

Simultaneously live stream a transmission over IP while also encoding a completely separate recording to the internal SSD that can be retrieved for future use

### Return Video Feed

TVU One feed or SDI input at TX; Requires hotspot

### Start-up Time

Less than 40 seconds

### Supported Data Connections

Simultaneously aggregates up to 9 data connections including WiFi and Ethernet. System supports cellular 3G/4G/LTE modems, 5G modems, 2.4 GHz Wi-Fi, 5GHz Wi-Fi, WiMax, Ethernet, Microwave and KaBand, KuBand, BGAN Satellite connections

### Internal Modems

- Sierra Wireless EM7565 - TVUOne-611 - EM7565
- TM1000-5G (optional)
- 1 x 5G Internal Modem

### Glass-to-Glass Latency

0.5 seconds

### Video Recording

Up to 7 hours of live recording time

### External Interface Connections

SDI, HDMI, USB, Ethernet, IFB

### External Antenna Connections

Supports Up to three external antenna connections including permanent mount outdoor antennas

### Power Source

A single removable, rechargeable internal battery

### Internal Battery Run Time

4.5 hours

### DC Input

Right angle Mini Jack DC input that connects to external battery or supplied AC adapter. External power adapter: 11-18V DC

### Transmitter Controls

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

### TVU Social Support

Supports live streaming to Facebook Live. Also capable of capturing and posting still images of TVU One's live stream to social media platforms

### Encoder Hardware Dimensions

17.78cm x 12cm x 7.62cm (7" x 4.75" x 3")

### Weight

2.15 lbs/.97 kg

### Operating Temperatures

0°C to 40°C (32°F to 104°F)

## Software

### ENT-TVU7

TVU7 Enterprise software: enables use of 4 USB modems (if available in the hardware). Includes 7 hours of HD recording, meta-data/time codes on content, clipping, IFB, and Hotspot pass-through.

### PRO-TVU7

TVU7 Pro software: enables use of 2 USB modems (if available in the hardware). Includes 3.5 hours of HD recording, time codes on content, and IFB.

### STD-TVU7

TVU7 Standard software: includes 0.5 hours of HD recording. Does not enable use of any USB modems.

## Accessories

### TM1000-56

Hard carrying case (with custom foam inserts) for TM1000 (including backpack, dual charger and two external batteries); can additionally accommodate a rack-mount server (VS3200 or VS3500)

### TM1000-50

Standard backpack for TVU One "v2 and v3" models (no mount for external battery)

### TM1000-50V

Backpack for TVU One "v2 and v3" models, with mount for V-Mount external battery in the lower compartment of the backpack

### TM1000-50G

Backpack for TVU One "v2 and v3" models, with mount for G-Mount external battery in the lower compartment of the backpack

### TM1000-36

Camera Mount Bracket for TM1000/TM900 (for Gold Mount batteries); includes Power Tap Cable. Does not include batteries/charger.

### TM1000-37

Camera Mount Bracket for TM1000/TM900 (for V-Mount batteries); includes Power Tap Cable. Does not include batteries/charger.

### TM1000-HS

HotSpot Functionality to PRO SW

### BATTERY-V

V-Mount high-capacity battery for use with TVUPack/TVUOne

### CHARGER-V

Dual battery charger, for use with V-mount batteries

### US-VALUE-V

Value pack: 2x V-Mount high capacity battery and 1x dual battery charger

### TM1000-50G

Backpack for TVU One "v2" models, with mount for Gold Mount external battery in the lower compartment of the backpack

### BATTERY-G

Gold Mount high-capacity battery for use with TVUPack/TVUOne

### CHARGER-G

Dual battery charger, for use with Gold Mount batteries

### US-VALUE-G

Value pack: 2x Gold Mount high-capacity battery and 1x dual battery charger

### POWERPAC

TVU Powerpac 50Wh ultra-compact V-mount battery/power bank. Includes D-TAP socket and 3 USB plugs (USB-A, USB-C, and micro USB) and 4-level indicator light.

### POWERPAC2

TVU Powerpac2 98Wh compact V-mount battery/power bank. Includes D-TAP socket and 3 USB plugs (USB-A, USB-C, and micro USB) and 4-level indicator light.

### POWERPAC-CHG-US

Wall adapter (US plug) and USB-C charging cable for TVU Powerpac and Powerpac2. Includes adapter for charging TM1000v3 transmitters.

### POWERPAC-CHG-GLOBAL

Wall adapter (Global Plug Set) and USB-C charging cable for TVU Powerpac and Powerpac2. Includes adapter for charging TM1000v3 transmitters.

### BU-353S4

BU-353S4: USB GPS receiver

### INVERTER

Vehicle mount power inverter



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