



TVU networks®

TVU One

The most compact wireless IP video uplink solution that does not compromise on quality or performance

Multiple Transmission Types

Aggregates cellular, Microwave, Satellite, WiFi, BGAN, and Ethernet

Low Latency

Transmit with as low as sub-second end-to-end delay in real-world conditions

Supports Embedded Modems

Holds up to six embedded modems with the option of adding up to four external USB modems

Dependable Video

Uses proprietary IS+ technology with advanced FEC and enhanced H.264

Transmission Management with Smart Device

Wirelessly monitor and control the live transmission from a variety of wireless mobile smart devices

Touchscreen controls

Features an LCD touchscreen with live video preview and transmission controls

Model TM1000

One Button Operation

Single-button start that boots up in less than 20 seconds

Smart VBR

Dynamically manages the bit-rate to adapt quickly to extreme fluctuations in bandwidth during live transmissions

Portable & Lightweight

Weighs just 2.2 lbs / 1 kg



TVU One Model TM1000 Hardware Specifications*

Supported Number of Embedded Modems	6
Supported Number of USB External Modems/Dongles	Up to 4
Includes Inverse StatMux Plus (IS+)	✓
Supports HD/SD-SDI and HDMI video input resolution	✓
Includes embedded 2-channel audio	✓
Includes TVU264 encoder	✓
Supports multiple cellular 3G/4G/LTE data	✓
Supports WiFi	✓
Supports Ethernet	✓
Supports WiMax	✓
Supports Microwave	✓
Supports Ka-band, Ku-band and BGAN satellite	✓
Includes swappable internal battery	✓
Battery run time	120 minutes
Includes external interface connectors-SDI, HDMI, USB, Ethernet and IFB	✓
Includes DC input for external battery or AC adapter	✓
Supports external battery source	✓
Encoder hardware dimensions	7.48" x 4.72" x 2.76" / 19cm x 12cm x 7cm
Weight without internal battery	2.2 lbs / 1 kg
Includes multipurpose carrying case with belt and shoulder strap configurations	✓
Operating temperature	0-40 Celsius/32-104 Fahrenheit

*Specifications are subject to change.





TVU One Software Packages*

Designed for use with TVU One hardware transmitters

Feature	Standard	Pro	Enterprise
One Button Operation	✓	✓	✓
20 Second Start Up	✓	✓	✓
Smart VBR	✓	✓	✓
Live Video Transmission	✓	✓	✓
Wireless Control Using Web Interface	✓	✓	✓
TVU Social	✓	✓	✓
Compatibility with TVU Grid	✓	✓	✓
Compatibility with TVU Booking	✓	✓	✓
Live Recording	✓	✓	✓
Live Record Hours	0.5	3.5	7
IFB	✗	✓	✓
Autosync	✗	✓	✓
Time Code Marking	✗	✓	✓
Hotspot Internet Access	✗	✗	✓
Metadata Marking	✗	✗	✓
Video Clipping and Download	✗	✗	✓
Return Video Feed	✗	✗	✓
Dual Encoder	✗	✗	✓
GPS Tracking	✗	✗	✓
Number of Enabled USB External Modem/Dongle Ports	0	2	4

*Features are subject to change.