

# TVU Receiver TR2700

Centralized Monitoring and Control for all  
TVU Transmissions



TVU Receiver TR2700 is a companion decoder for all TVU transmitters to monitor all aspects of a live transmission, including bit-rate and latency. TVU TR2700 gives broadcasters complete control over TVU transmitters and modem cards.

**Intuitive User-Friendly Interface** – TVU Receivers display the video feed from all live paired TVU transmitters on any standard monitor. Users can control each paired transmitter from the receiver end, including stopping and starting in-field transmissions directly from the studio. The receiver interface also displays audio levels, error rate, line quality and other key data for each active transmitter and enables the studio technician to make real-time adjustments to the transmission based on the data.

**Optimize Transmission Quality** – TVU Receivers enable users to choose between several different default modes to automatically set the optimal bit rate and latency based on the conditions of each transmission. Alternatively, users can manually adjust target bit rate and latency settings for each individual TVU transmitter, giving broadcast stations fine grained control over each transmission in real time to ensure superior picture quality.

**Monitor Signal Strength for Each Connection** – The TVU Receiver's interface enables users to see the current status of all connected 3G/4G/LTE data cards, WiFi connections, satellite or microwave links for each TVUPack. Users can enable or disable each connection directly from the receiver interface.

**View and Retrieve Archive Footage Directly from the TVU One Transmitter** – TVU Receivers provide extensive control for viewing, selecting and downloading video footage recorded on the TVU One's solid state hard drive. With the receiver interface, users can preview any archived video footage from a live TVU One, edit the precise video frames required, and download them directly to the receiver's hard drive for editing with the click of a mouse.

**IFB** – Add the optional IFB functionality to speak with a remote camera operator using the TVU One transmitter. Users can provide audio instructions directly to the camera operator while viewing the live streaming footage and monitoring the transmitter’s connection status.

**GPS Locator** – Pinpoint exactly where one or all of your TVU transmitters are located when you have multiple transmitters in the field covering a breaking news story. With one click of a button, the TVU Receiver connects to an online map and pinpoints precisely where a TVU transmitter is located anywhere in the world. Use the optional IFB function to direct the TVU One operator to a specific location.

**Automatic Download of Recorded Content** – With the TVU LiveSync feature, the recorded video from a TVU One transmitter live shot is automatically uploaded to the TVU Receiver, providing a pristine transfer of the captured video segment.

**TVU Grid Compatible-** Users have the option to upgrade their TVU Receiver TR2700 to support TVU Grid. TVU Grid enables the efficient switching and routing of video content from any location and to distribute it to any other location that has a TVU Transceiver. TVU Grid is an award-winning IP-video routing, switching and distribution solution with the ability to seamlessly switch live IP video content and share live video streams between multiple remote locations.

## TVU TR2700 Receiver Technical Specifications\*

Electrical	Line voltage: 100-240V AC, 50/60 Hz 5A
Configuration	1RU standard rack mount
Audio/Video Input	HD/SD-SDI (BNC) input - 1080-59.94i/50i, 720-59.94p/50p, NTSC/PAL w/ embedded audio
Genlock	BNC - Tri-Level or BB
Display	DVI or HDMI
IFB Output (optional)	External USB audio input with level control (mic/line), 1/4" & XLR
Dimensions	1.7" x 17.2" x 9.8" 43mm x 437mm x 249mm (HxWxD)
Operating Temperatures	0-35° C (32-95° F)
TVU Software Version	OS 5

\*Specifications and features are subject to change.

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