Advantages

▲ Extremely portable and compact design

▲ High-quality, low-latency transmission

▲ Easy to use

▲ Uses multiple embedded modems

▲ Aggregates multiple connections

▲ Supports H.265/HEVC encoding

TVU Nano for Video

The ultra-small, ultra-powerful IP video transmitter

TVU Nano for Video is the incredibly lightweight and portable transmitter that leaves a small footprint while encoding high-definition video with virtually zero delay.

Small size, big benefits

TVU Nano for Video is capable of the same high-quality, half-second latency transmission that other TVU transmitters are known for. Its pocket-size design only makes it easier to use without concern for how much space it occupies.

Smart technology for superior transmission

Like other TVU transmitters, TVU Nano is powered by TVU Networks' patented algorithm, Inverse Statmux Plus, to provide a high-bandwidth IP connection by aggregating multiple connection links including cellular, Ethernet and WiFi to secure bandwidth for stable transmission.

TVU Nano for Video Technical Specifications*

Video Input Resolution	HD/SD-SDI or HDMI 1 x HD/SD-SDI (BNC) input – 720-59.94P/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 8-channel audio
Audio/Video Encoding and compression	H.264 or optional Enhanced H.265/HEVC
Transmission	Inverse Statmux or optional Inverse StatMux Plus (IS+)
Start-up Time	Less than 40 seconds
Supported Data Connections	Simultaneously aggregates up to 5 data connections including WiFi and Ethernet (via USB adapter). System supports CAT6 3G/4G/LTE modems (2 embedded, up to 2 external), 2.4 GHz WiFi, Ethernet, Microwave and KaBand, KuBand, BGAN Satellite connections
Glass-to-Glass Latency	0.5 seconds
External Interface Connectors	Mini DIN SDI, Mini HDMI (Type C), Mini USB (Mini), Ethernet (via USB-Ethernet adapter), IFB headphone jack
Power Source	Internal, rechargeable internal Li-ion battery, external V-Mount/Gold Mount battery or USB-C DC input
Internal Battery Run Time	90 minutes
DC Input	USB-C (20V) via supplied AC adapter
Controls	One-button start and connection
Hardware Dimensions	16cm x 8cm x 3cm (6.2" x 3.25" x 1.2")
Weight	17oz / 0.5kg
Carrying Case	N/A
Operating Temperatures	0°C to 40°C (32°F to 104°F)

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