

TVU Era TE700

Lightweight and Portable Video Contribution Encoder



TVU Era TE700 is the first portable contribution encoder. It features high-quality, low latency and resilient live HD video encoding performance using a single Ethernet connection. This makes the TVU Era TE700 ideal for single IP connection VBR or CBR encoding applications including pool feeds, satellite, web/social media streaming and live video transmission over public networks.

As with other TVU mobile live video transmitters, TVU Era features easy one button operation and requires virtually no configuration to begin streaming. TVU Era works seamlessly within the TVU ecosystem, including its transceivers and TVU Grid, TVU's award-winning video switching, routing and distribution solution. It also features auto-sensing HD/SD SDI, HDMI and IP inputs.

TVU Era is ideal for field use with its ultra-portable design and rugged enclosure. For remote applications, TVU Era TE700 is available with an on-board, removable lithium-ion battery allowing more than 100 minutes of live encoding, as well as an optional carrying case.

TVU Era offers LCD touch screen controls. The easy to use interface allows for video preview, system status viewing and control over each transmission. You can also control TVU Era from a studio location using a TVU transceiver.

TVU Era also live streams to social media platforms and CDNs, allowing you to transmit live video directly to Facebook Live.

TVU Era TE700 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 4-channel audio
Audio/Video Encoding	Enhanced H.265 encoder / HEVC compression
Transmission	Inverse StatMux Plus (IS+)
Start-up Time	Less than 20 seconds
Supported Data Connections	Ethernet
Glass-to-Glass Latency	0.5 seconds
Video Recording	0.5 hours
External Interface Connectors	SDI, HDMI, USB, Ethernet, IFB
Power Source	A single removable, rechargeable internal battery
Internal Battery Run Time	120 minutes (optional)
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
Encoder Hardware Dimensions	155cm x 120cm x 75cm
Carrying Case	Belt-mount or shoulder bag carrying case options with hot swappable battery mount
Operating Temperatures	0°C to 40°C (32°F to 104°F)
TVU Software Version	OS 5

*Specifications and features are subject to change.

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