

TERADEK VidiU X

VidiU X: Live Streaming Encoder

VidiU X delivers high definition live streaming video with the quality and reliability expected in traditional HD broadcasts. More powerful than the previous VidiU Pro, VidiU X supports 1080p resolutions, RTMPS streaming, higher encoding bitrates, and also includes native integration with some of the most popular video platforms.



VIDEO

Video Input	1x HDMI Type A receptacle
Video Output	1x HDMI Type A receptacle
Supported Resolutions	1080p 23.98/24/25/29.97/30/50/59.94/60 720p 50/59.94/60
Video Compression	H.264 (AVC) , Main profile
Supported Video Bitrate	250 kbps to 15 Mbps
Preset Bitrates/Resolutions	Max: 12 Mbps + 256 kbps audio 1920x1080 HD+: 8 Mbps + 256 kbps audio 1920x1080 HD: 5 Mbps + 192 kbps 1920x1080 High: 3 Mbps + 192 kbps 1280x720 Medium: 1.5 Mbps + 128 kbps 960x540 Low: 800 kbps + 128 kbps 736x414 Mobile: 500 kbps + 96 kbps 480x270
Video Format Conversion Support	Built-in video scaler

AUDIO

Audio Inputs	Embedded HDMI audio input, 2-Channel Analog line-in or mic-in, 2-Channel
Audio Compression	AAC-LC
Supported Audio Bitrate Details	HD: 256 kbps High: 192 kbps Medium: 128 kbps Low: 96 kbps Mobile: 48 kbps

PHYSICAL ATTRIBUTES

Dimensions	4.1" W x 2.9" D x 1.1" H (105 x 75 x 28 mm)
Weight	5.6oz [160g]
Construction	Machined aluminum and ABS Plastic
Mountability	1x ¼-20 plus 2 x M3 on the bottom plate

NETWORK

Ethernet	10/100/1000 BASE-T
Wireless	WiFi: Dual Band MIMO 802.11 ac/a/b/g/n Internal Antennas: Internal OdBi antennas
USB	USB type A (host) for 3G/4G modem support
WiFi Channel Selection	Auto with 3 modes: 2.4 or 5 GHz, Auto (2.4 GHz only), Auto (5 GHz only) Manual: Configurable to specific channels
Bonding	Simultaneous bonding over up to 3 networks: Ethernet, Wi-Fi, USB cellular modem
Cloud Services	Sharelink
Network Protocols	TCP/IP, UDP, HTTP, DHCP, NTP, SSL, IGMP
Video Transport Protocols	RTMP, RTMPS, AirMix, Sharelink bonding, RTSP
Integrated Platforms	Custom RTMP/S, YouTube Live, Facebook, Vimeo Livestream, and AirMix

INTERFACES

Configuration Interface	OLED display with navigation joystick, Feature-rich Web UI for configuration and control
Switches	Go Live and reset switch
Recording/Storage	Full size SD/SDXC (class 6 and above) formatted exFAT, USB formatted exFAT
Mobile App	VidiU App for iOS or Android devices
USB Interface Functionality	Powered USB 2.0 host port

POWER

Power Input	USB-C host port (5-15V)
Nominal Power Consumption	Ethernet: 4.5W WiFi: 6W USB Modem: 7W