

# TERADEK Wave

## Wave: Smart Streaming Monitor/Encoder

Reinvent your live streaming workflow with Teradek Wave, the only live streaming monitor that handles encoding, smart event creation, network bonding, multistreaming, and recording - all on a 7" daylight-viewable touchscreen display. Watch your live productions in real-time on the same device you're using for encoding with the quality and reliability expected in traditional broadcasts. With Wave, you can prepare multiple events ahead of time using Wave's innovative project workflow: FlowOS.



### VIDEO

Video Inputs	1x HDMI Type A receptacle
Supported Input Resolutions	1080p 23.98/24/25/29.97/30/50/59.94/60 1080i 50/59.94/60 720p 50/59.94/60
Video Compression	H.264 (AVC), baseline/main profile
Supported Video Bitrate	250 kbps to 15 Mbps
Supported Resolutions	1080p 720p 480p 360p 240p
Supported Frame Rates	10, 14, 20, 25, 30, 50, 60

### NETWORK

Ethernet	10/100/1000 BASE-T
Wireless	WiFi: Dual Band MIMO 802.11 ac/ax/a/b/g/n Access Point (AP), or Client Mode
USB	USB for external modem support
WiFi Channel Selection	<b>Auto with 3 modes:</b> 2.4 or 5 GHz, Auto (2.4 GHz only), Auto (5 GHz only) <b>Manual:</b> Configurable to specific channels

### PROTOCOL SUPPORT

Network Protocols	TCP/IP, UDP, HTTP, DHCP, NTP, SSL, IGMP
Supported Video Transport Protocols	RTMP(S), Airmix
Bonding	Requires a <b>Sharelink</b> subscription.
Platform Integration	Facebook, YouTube Live, Vimeo, Wowza
Cloud Services	Sharelink

## AUDIO

Audio Input	Embedded HDMI audio input, 2-Channel 3.5mm analog audio input
Audio Output	3.5mm TRRS headphone output, adjustable volume
Audio Compression	AAC-LC
Supported Audio Bitrate Details	HD: 256 kbps High: 192kpbs Medium: 128kpbs Low: 96 kpbs Mobile: 48kpbs

## PHYSICAL ATTRIBUTES

Dimensions	7" W x 4.78" H x 1" D (178 x 122 x 26mm)
Weight	24oz [680g]
Construction	Machined aluminum and ABS Plastic
Mountability	1/4" 20 mounting holes with stand adapter

## PANEL

Type	IPS LCD 7"
Nits	1000 Daylight viewable

## INTERFACES

Configuration Interface	OSD with touchscreen, Feature-rich Web UI for configuration and control
Switches	On/Off and reset switch
Recording/Storage	Full SD/SDHC (class 6 and above) formatted FAT32, USB formatted FAT 32
Mobile App	Wave App for iOS or Android devices
USB Interface Functionality	2x powered USB 2.0 host ports

## POWER

Power Input	USB-C connector, power adapter and USB-C cable included
Battery	Plates for external Sony L-series
Nominal Power Consumption	Up to 12W (with optional internal modem: up to 14W)