



	 CUBE 100 \$1,790 MSRP	 CUBE 120 \$1,990 MSRP	 CUBE 150 \$2,190 MSRP	 CUBE 200 \$1,190 MSRP	 CUBE 220 \$1,390 MSRP	 CUBE 250 \$1,590 MSRP
HD-SDI	●	●	●			
HDMI				●	●	●
WiFi		●	●		●	●
Ethernet	●	●	●	●	●	●
External USB Port			●			●
Licenses Optional Cube Upgrades						
 \$500 MSRP RED Controlled Proxy Recording	○	○	○			
 \$500 MSRP MPEG Transport Stream	○	○	○	○	○	○
 \$250 MSRP UDP Multicast	○	○	○	○	○	○
 FREE livestream Native Integration	●	●	●	●	●	●

● Optional
○ Included

CUBE™ DECODERS

 CUBE 300 \$1,790 MSRP	 CUBE 320 \$1,990 MSRP	 CUBE 350 \$2,190 MSRP	 CUBE 400 \$1,190 MSRP	 CUBE 420 \$1,390 MSRP	 CUBE 450 \$1,590 MSRP
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CUBELETS™
Encoder/Decoder Pair

 CUBE 100/300 \$3,220 MSRP	 CUBE 120/320 \$3,580 MSRP	 CUBE 150/350 \$3,940 MSRP	 CUBE 200/400 \$2,140 MSRP	 CUBE 220/420 \$2,500 MSRP	 CUBE 250/450 \$2,860 MSRP
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CUBITS™
Power Accessories



CUBITS Battery
Adapter Plates



CUBITS Assorted
Power Cables

See All of Our Power Accessories & Products at
<http://store.teradek.com>



THE WORLD'S FIRST CAMERA-TOP
HD WIRELESS VIDEO
ENCODER SOLUTION

Teradek, LLC
888.941.2111
teradek.com/cube



The Cube™ Family is the world's first camera-top streaming HD video encoder solution. The family includes six HD H.264 encoders and six equal form-factor HD H.264 decoders. Cube™ Encoders feature HD-SDI or HDMI inputs and stream HD video over WiFi or CAT5 wired Ethernet. The Cube™ Encoder can create its own wireless (ad hoc) network and streams HD video directly to a Cube™ Decoder, a computer or laptop, a server, or a mobile device such as an iPad with no other networking equipment required. To extended your wireless range further, Cube™ Encoder can join an infrastructure network by using a simple wireless router and stream over a LAN or WAN. Cube™ also features a native Livestream integration for turnkey live event streaming and hosting on the Interxnet.

What's in the Box?



Quick Start Guide



Video Cable



Teracentral
Management Software



Hot Shoe Mounting Adapter



Wireless Antenna
*If applicable



Power Supply
110-240V AC Adaptor included

Cubelets™

Cube Encoder/Decoder Pairs

Cube™ Encoder/Decoder pairs (or Cubelets™) are the ideal solution for turnkey on-set video monitoring. Use the Cube™ Encoder to stream HD video over WiFi, then connect the Cube™ Decoder to a small hand-held monitor or a professional field monitor to receive the signal and view video up to 1080p. Cube™ decoders are available in both HDMI and HD-SDI versions, and can be used with any Cube™ encoder regardless of their input format.

Teradek's Cube™ Decoder is a hardware H.264 HD video decoder that pairs great with the Cube™ Encoder. Together they provide an end-to-end streaming video solution for filmmaking, news gathering, and Commercial AV. Cube™ Decoder's extremely low power consumption and miniaturized hardened enclosure makes it ideal for mobile applications, and using a Cube™ Decoder eliminates the need for using a PC to receive and decode video.

Applications



Proxy Recording



Onset monitoring



Webcasting



News Gathering



Sports

Add to Your Cube™ Experience



RED Controlled Proxy Recording License

With this license installed, Cube™ senses when your RED Digital camera starts and stops recording and wirelessly creates identical, H.264 files on a computer on your wireless network, in real time. The files has the same exact filename as the original file on the internal media, with the same timecode and start and stop files, but is immediately available for instant playback via iPad, or for offline editing in an NLE. Compatible with HD-SDI Encoder models only.

MPEG Transport Stream License

Create a MPEG-TS over IP (TCP or UDP) video stream that is compatible with television broadcast equipment and IPTV set-top boxes. Compatible with all Cube™ Encoders.

livestream Free 30 Day Membership for a Premium Channel on Livestream

Cube™ integrates natively with Livestream providing an elegant and easy to use turnkey solution for streaming live video to the Internet. Users simply enter their Livestream account information into Cube™'s user interface, find a broadband uplink, and begin broadcasting. Livestream has free add supported as well as premium accounts. A free 30-day subscription to Livestream Premium is included with every Cube™ encoder purchase.

UDP Multicast License

Create a single multicast IP stream from Cube™ to reach multiple end-users over any IGMP multicast capable networking. Available on all Cube™ Encoders. Note that without multicast, Cube™ can stream to two devices maximum.

HD-SDI H.264 SYSTEM

INPUTS

HD-SDI, SD-SDI: BNC

SUPPORTED RESOLUTIONS

1080p/PsF @ 23.98/24/25Hz
1080i @ 50/59.94/60Hz
720p @ 50/59.94/60Hz
480i @ 50/59.94/60Hz

PHYSICAL

Dimensions: 2.5"W x 3.5"D x .9"H
Weight: 7 oz.
Nominal Power Consumption: 2.5W
Auxiliary Power Input: 7.2-24V DC

AUDIO

Embedded Stereo
Audio Compression: AAC-LC, MPEG Layer 2
Line or Mic in

HDMI H.264 SYSTEM

INPUTS

HDMI In

SUPPORTED RESOLUTIONS

1080p/PsF @ 23.98/24/25Hz
1080i @ 50/59.94/60Hz
720p @ 50/59.94/60Hz
480p @ 50/59.94/60Hz

NETWORK

Ethernet: 10/100BASE-T
Network Protocols: TCP/IP, UDP, HTTP, DHCP, NTP, SSL, IGMP
Transport Protocols: RTP, RTSP, RTP over HTTP, MPEG-TS*,
HTTP Live Streaming
Feature-rich WebUI for configuration and control
Point to Point (TCP or UDP), Multiple Unicast (UDP),
or Multicast (UDP+IGMP)*

INTERFACES

USB 2.0: Powered Port*
WiFi: Internal 802.11n*

VIDEO CODEC

Compression Algorithm: High Profile
H.264 (L4.1)
Bit Rate: 250 Kbps to 10 Mbps

ENVIRONMENTAL

Temperature: 0 to +50 C
Humidity: 95% non condensing

*Optional.