

Serv 4K

Video

Video Inputs

1 x SD/HD/3G/6G/12G-SDI (75 Ω BNC)

1 x HDMI 2.0 Type-A receptacle

Hdr Support

Yes

Video Outputs

1 x SD/HD/3G/6G/12G-SDI (75 Ω BNC loop out)

Bonding

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Serv 4K App

Supported Resolutions

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4K DCI p23.98/24/25/29.97/30/50/59.94/60 1080i 50/59.94/60

4K UHD p23.98/24/25/29.97/30/50/59.94/60

1080p 23.98/24/25/29.97/30/50/59.94/60

1080i 50/59.94/60

1080PsF 23/24/25/29/30

720p 50/59.94/60

576i

480i

Video Processing

Video Compression

ISO MPEG-4 Part 10: Advanced Video Coding (AVC)/ITU H.264

AVC: Baseline profile, Main profile, High profile

ISO MPEG-H Part 2: High Efficiency Video Coding (HEVC)/ITU H.265

HEVC: Main profile

Supported Video Bitrate

250 Kbps to 45 Mbps

Video Format Conversion Support

Built in video scaler and deinterlacer

Number Of Encoder Streams

Up to one 4KDCI p60 4:2:2 10bit

Color Correction

CDL/1024 1D LUT (supports 10-bit color)

33x33x33 3D LUT (supports 10-bit color)

Protocol Support

Network Protocols

TCP/IP, UDP, HTTP, DHCP, NTP, SSL, IGMP

Supported Video Transport Protocols

Teradek Streaming Protocol (compatible with Teradek Apps, e.g. Live:Air, Vuer)

Remote Control

Teradek Core

Audio Processing

Audio Compression

AAC-LC

Inputs

Audio Input

3.5mm Stereo Line Level Analog or Microphone in, adjustable gain

Outputs

Audio Output

3.5mm Stereo Headphone output

Physical

Dimensions

6.25"W x 3.6"D x 1.4"H [150 x 107 x 36mm]

Weight

1 lb [476g]

Construction

Milled Aluminum

Mountability

Can be mounted horizontally or vertically with
1/4" 20 mounting holes

Interfaces

Configuration Interfaces

Feature-rich Web UI for configuration and control

OLED Status Display w/Nav control buttons

Recording Storage

SD Card: Full Size

Usb Interface Functionality

2x Powered USB-C host ports with 3G/4G modem support

Network

Ethernet

1x 10/100/1000 BASE-T Gigabit Ethernet (RJ45)

Wireless

WiFi: 2.4/5GHz 802.11 a/b/g/n/ac/ax MiMo

Power

Power Input

2-pin circular locking connector

Nominal Power Consumption

18W

Auxiliary Power Input

6-28V DC