

Ultra Small, Light and HDMI+SDI Live Collage, Adaptive Bonding

LiveV300 is a high definition, bonded dual camera input video streaming encoder for backpack and mobile. It is professional, rugged, ultra small form-factor, light, cost-effective Live Video Streaming Encoder for portable and field mission and critical streaming applications.

Weighing just over 455grams(16oz) and just about palm size, LiveV300 is made of hardened anodized aluminum, all metal texture with good heat dissipation. Standard tripod mount is designed at the bottom to be compatible with any video cameras.

LiveV300 can push video simultaneously over multiple aggregated network connections, including cellular 4G/LTE. Offers up to 9 network links including 7x4G, WIFI and LAN bonded connections, all plug and play. With proprietary UMB Bond Link technology and bonding server, LiveV300 can provide increased bandwidth efficiency with low latency, adaptive network payload balance and resend control for mission critical live events freely without concern for poor connectivity.

Two video camera inputs can be supported at the same time. More uniquely, two videos can be live switched with creative collage without additional hardware. 6 standard pre-defined video collage layout supported by LiveV300, such as Picture in Picture (PiP), Split or single etc. and can be live switched. It can also support user defined layout by drag and drop. Furthermore, it can switch two video collage live with touch screen, web or by mobile phone remotely. Preview changes immediately on LCD screen.

LiveV300 has large 3.5" touch screen for video and camera collage preview, live video switch, setup and status display. It has full touch screen UI and full control of encoder. It also have physical buttons for one button easy go live feature.

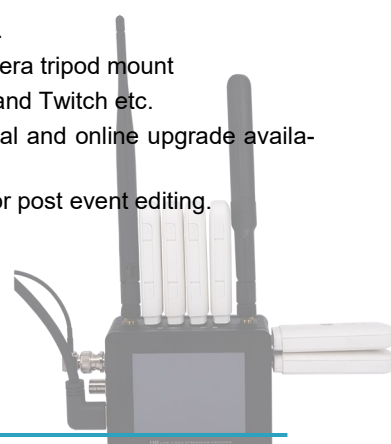
With internal battery, standalone encoder work from 2hr up to 5hr dependent on how many bonding channels. The battery can be quickly fully charged in ~2hr when power off. It also have optional Sony BP-U mount battery when longer streaming required.

The state-of-art encoder can be widely used in various business activities such as news station, government, product launch, open ceremony, education, training, surgical operation, drone aerial video, wedding ceremony, sports event, public welfare activities, group activates and so on.



Highlights:

- ◇ Palm size, ultra small form-factor, light and portable for field live streaming.
- ◇ Creative dual camera inputs, live collage switch and preview with 6 preset and 2 customized layout with easy-to-use drag and drop.
- ◇ Propriety UMB bonding technology with high bandwidth efficiency, low latency
- ◇ Up to 9 aggregated connections, up to 7x4G + WIFI + LAN. Plug and Play.
- ◇ Up to 20mbits/s bonding video stream by encoder over 4G.
- ◇ Up to 9 streaming forward support by bonding server
- ◇ Large 3.5" LCD touch screen display for video, status preview and configuration
- ◇ Standalone up to 5hr+ for single and 2hr+ for bonded video streaming
- ◇ Barcode scan then configuration with mobile phone. Local and remote management by mobile phone and PC
- ◇ Advance hardware H.264 BP/MP/HP codec for highest stability
- ◇ AAC audio encoder with HDMI/SDI embedded audio support
- ◇ Analog audio input and audio output for embedded and analog
- ◇ Save live video into mp4 file on TF while live streaming
- ◇ Automatic dual input resolution, format detection, no professional setting required.
- ◇ Powerful and flexible OSD, text, logo and stamp can be support with easy-to-use configuration.
- ◇ SDI loop out. Optional HDMI loop out.
- ◇ All aluminum rugged design with camera tripod mount
- ◇ Support YouTube, twitter, Facebook and Twitch etc.
- ◇ Based very stable Linux system. Local and online upgrade available
- ◇ Onboard recording to TF for backup or post event editing.
- ◇ Optional GPS/gForce
- ◇ OEM/ODM



Power:

Input : 15VDC, 1.6A
 Internal Battery : Lion, 8400mAh
 Consumption : 15V@0.5~1A, Single Channel~Bonding
 15V@1.5A, Power Off Charging, ~2Hr

Video:

Encoder : H.264/AVC MP/HP
 Resolution : 1920x1080p25/30/50/59.94/60/, SD
 1920x1080i50/59.94/60, 720p50/60
 Bitrate : 256K – 20Mbps/s
 Frame Rate : 25/30 Auto
 Latency : <200ms
 Storage : mp4

Network:

Streaming : RTMP, RTSP
 WIFI : 802.11b/g/n/ac, 2.4/5.8GHz
 4G* : LTE: FDD1/3/8, TDD38/39/40/41
 USB 4G Dongle Optional
 LAN : 100/1000Base-T
 Bonding : LAN+WIFI+1x4G+6xUSB 4G
 Simultaneous up to 9
 Bonding forward x9, RTMP pull

Audio :

Sample : 48KHz
 Encoder : AAC, 128Kbit/s
 Channel : Dual, AGC
 Input : 0.7V_{RMS}, 20K
 Output : 16 ohm, 30mW
 MIC : 2.2V, 2.2K, 60db Gain adj.

Input:

SDI : SD SDI, HD SDI, 3G SDI
 SMPTE 296M/274M/292M
 HDMI : 1.4a
 Audio : SDI/HDMI Embedded, Analog Input

Management:

Configuration : Mobile Phone/WeChat mini-program
 WEB : LAN/WIFI by PC/Mobile Phone
 LCD : Touch menu and buttons

Interface:

SDI Input : 1 x BNC, 75ohm, 800mVpp
 SDI Loop Out : 1 x BNC, 75ohm, 800mVpp
 HDMI Out : 1 x Mini HDMI
 HDMI Input : 1 x Type A
 Audio Input : 1 x 3.5mm Jack
 Audio Output : 1 x 3.5mm Jack
 Ethernet : 1 x RJ45
 4G/WIFI : 1 x SMA/M, 1 x SMA/F
 USB : 6 x USB TYPE A
 SIM : 1 x Nano SIM Auto Eject
 Storage : 1 x MicroSD/TF
 Button : 3
 Sound : Buzz
 Indicator : LED
 Display : 3.5" IPS LCD, Touch

Others:

OSD: Text, Logo Caption, Time Stamp
 Collage : 8 Modes and 2 customized

Physical

Dimension: 104x82x46mm(4.1x3.2x1.8")
 Black sand blast aluminum
 Weight: 455g(16oz) with battery
 Temperature: 0°C to 45°C
 4G/WIFI Certificates: TAC:2016-8610, NAL:17-5043-
 183259, CCC:2017011606980293, TAC: 2016AJ7435

Ordering

30411-3XY: X-Quantities of internal 4G, 0-1
 Y-Quantities of USB 4G Dongle, 0-6
 -310 is default

Accessories

15V DC Power Adapter x 1
 4G Antenna x 1
 WIFI Antenna x 1
 Hot Shoes x1

*4G Module and Dongle (Optional and different for different country and area)



* All specifications are subject to change without notice.
 * Accessories may be different for different product options.
 * Actual object may differ from what shown in catalog.