

Portable Live Video Streaming Encoder

HD, Multi-Channel Auto Switch, 4G LTE, Streaming Anywhere

4 G high definition Live Video Streaming Encoder can encode and transmit video of camcorder or camera via 4G, WIFI or LAN to the remote server in real-time for live broadcasting. It is a standalone, professional, on-site video live broadcast equipment.

The encoder is a multi-channel device that support up to 4 x 4G channel, 1 x WIFI and 1 x Ethernet internet connection. It can automatically chose the best quality channel for live video streaming. Menu switching is also available.

The high efficient encoder supports up to 1080p60 with hardware encoding. The encoded video stream pushed to the server via RTMP. It replaces the traditional PC capture card, no dedicated PC software required. It is standalone, portable, reliable, high definition, adjust bitrate, low latency, robust and perfect for live video streaming.

The unit support HDMI and SDI dual inputs so it can connect to consume and also professional camcorder. No SDI to HDMI convert required. Loop SDI output is also supported for easier system connection. External and embedded audio loop output is also supported.

Unique WeChat and mini-program is designed to configure the encoder for both IOS and Android. Scan the 2-D code make the configuration so much easy. Menu configuration, WEB configuration are also available.

LCD display that appears only on professional equipment. It can preview live video, show system status and menu configuration.

Internal battery make the live video steaming possible even in the field only if 4G network is available for minimum 4HR. External power bank, Sony BP-U power bank are supported optionally. 2HR fast charging is supported.

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



Features:

- ◇ WeChat or mini program configuration, no APP
- ◇ Web configuration
- ◇ Multi-channel automatic switch to best quality network
- ◇ HDMI, SDI dual input port
- ◇ Support 1080p25/30/50/60, 1080i50/60, 720p50/60, 480i/576i
- ◇ All HDMI/SDI input auto detection without configuration
- ◇ H264 BP/MP/HP hardware encoder
- ◇ Support SDI loop out
- ◇ Support external and embedded audio loop out
- ◇ LCD displays live video, status and menu setting
- ◇ Wide input voltage
- ◇ Internal battery, external power bank supported
- ◇ Support 4 x 4G, 1 x WIFI and 1 x Ethernet
- ◇ Support uShiTV, LeTV, Mudu live broadcast platforms
- ◇ Support OSD, watermark and logo overlay
- ◇ All aluminum case, rugged and compact size
- ◇ Small size, portable, good for outdoor
- ◇ Support hot shoes connect to tripod or camcorder
- ◇ TF/MicroSD video recording



Power:

Input	: 12VDC/2A
MicroUSB	: 5V 2A, Single Channel Only
External Battery	: Sony BP Series, Optional
Internal Battery	: 2x Lion polymer rechargeable battery 2x 2800mAH
Consumption	: 12V@ 600mA, Single Channel

Video:

Encoder	: H.264/AVC MP
Resolution	: 1920x1080p25/30/50/60, 480/576i 1920x1080i50/60, 720p50/60
Bitrate	: 256K – 10Mbits/s
Frame rate	: 25/30

Network:

Video streaming	: RTMP, RTSP is option
WIFI	: 802.11b/g/n, 2.4GHz
4G	: LTE all band, Telecom/China Mobile/ Netcom FDD1/3/8, TDD38/39/40/38 USB 4G LTE Dongle optional Other 4G network is optional
LAN	: 100Base-T

Audio Input:

Sampling	: 44.1K
Encoder	: AAC
Channel	: 2, with Automatic Gain Control
Input	: 0.7VRMS, 20Kohm
MIC	: 2.2V, 2.2K Bias, 60db gain adj.

Video Input:

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

Configuration:

Config	: Wechat, mini-program
WEB	: LAN or Wifi
LCD	: Menu

Interface:

SDI Input	: 1 x BNC, 75ohm, 800mVpp
SDI loop out	: 1 x BNC, 75ohm, 800mVpp
HDMI入	: 1 x TYPE A
Audio In	: 1 x 3.5mm Jack, 2 CH
Audio Out	: 1 x 3.5mm Jack 2 CH
LAN	: 1 x RJ45, 10/100 Ethernet
4G Antenna	: 1 x SMA boat antenna
USB	: 3 x USB
SIM	: Nano SIM
Storage	: MicroSD/TF
Button	: 2
Sound	: Beep
Visible	: LED
Display	: 2.4" TFT LCD

Other

OSD	: Watermark, Overlay
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Physical

Size:	102x82x30mm Sand blast black aluminum
Weight	320g (include battery)
Temp.:	0°C to 45°C

Order

30421-010:	Onboard 4G All band
30421-011:	Onboard 4G with USB 4G Dongle
30421-02X:	with SONY BP-U backup

Accessories

12V DC Power Adapter
4G Boat Antenna
USB WIFI Dongle
Hot shoes
USB 4G Dongle (Optional)

* All specifications are subject to change without notice.
 * Accessory supply may be different for different product options.
 * Actual object may differ from what you see from the catalog.