



LipEncoder bonding encoder

SDI & HDMI dual input, 7 networking bonding streaming



7 channel bonding
4G network + WiFi + Ethernet



Live dual input
SDI + HDMI with live switching



FHD/4Kp30
1080p60 / 4Kp30 (HDMI)



Touchscre
Multiview, management, settings



Program making
PIP, picture overlay...



Multiple streaming protocol
RTMP, SRT, Live+ connection



Embedded SIM slots
4G network module embedded



Built-in battery
Wide voltage supporting



Control and communication
TALLY, PTZ control, call connection

Streaming Media Solution Supported by High Speed Converged Network

Support H.265 / HEVC or H.264 encoding and bonding streaming

Support 7-channel bonding networking, enabling us to open live streaming to the world from any place

Support all kinds of common streaming platforms, and built-in broadcast level H.264/H.265 encoder, complete and efficient streaming scheme



Professional bonding streaming
LipRouter bonding technology support

Equipped with LipRouter bonding system, stable transmission of multiple links

4G network module*3+USB port extend*2+ WiFi+ Ethernet



7 channels bonding overlay

Greater broadband support

Excellent algorithm transmission support

Stable transmission of depth algorithm of LipRouter

Network status detection

Dynamic link waveform chart monitoring

Dual input, SDI+HDMI Switchable

Support simultaneous access of SDI signal of up to 1080p60 and HDMI signal of 4Kp30, and do live production on touch screen



Touchscreen live
Image live production



One stop packaging

LipEncoder has such practical packaging functions as picture switching, picture overlay, picture in picture and so on, which can be streaming in a variety of high quality anywhere.



Picture Overlay
Add overlay, logo icon



PIP
Customizable layout mode,
adding background



Mixer
Embedded audio
mixer software





Launch live streaming to the world anytime, anywhere

Use any SDI/HDMI video source to directly conduct multi platform RTMP live streaming

No need for a broadcaster or a computer with streaming software installed, you can directly do live streaming on the program site.



Launch live streaming

Launch streaming at the camera end



Connect or video back to the backpack

SRT protocol is used for on-site video retrieval in outdoor or auto show
Receive the on-site signal in the rebroadcast vehicle or studio center to realize the production of remote connection programs



SRT support

Low latency end-to-end network video transmission

Convert to multi card bonding router to use

The network port can be set as WAN access or LAN access

It can be used as an bonding router for other devices and networks



WAN/LAN one click conversion

Internet port function can be set



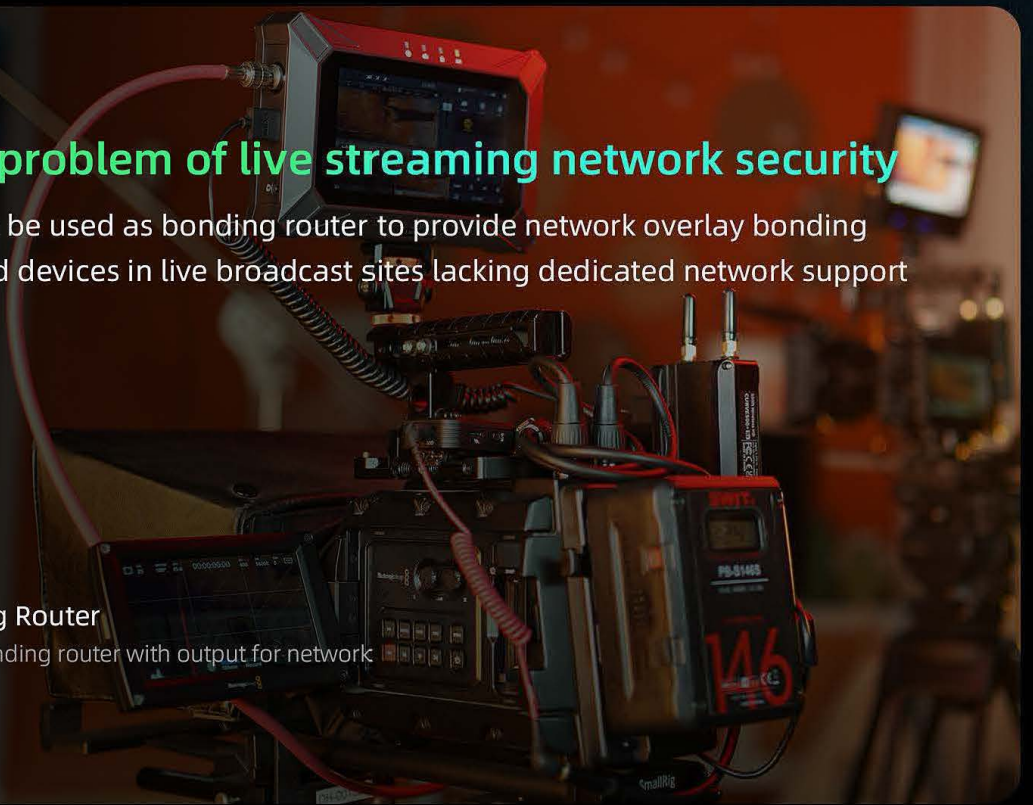
Solve the problem of live streaming network security

LipEncoder can be used as bonding router to provide network overlay bonding support for field devices in live broadcast sites lacking dedicated network support



Bonding Router

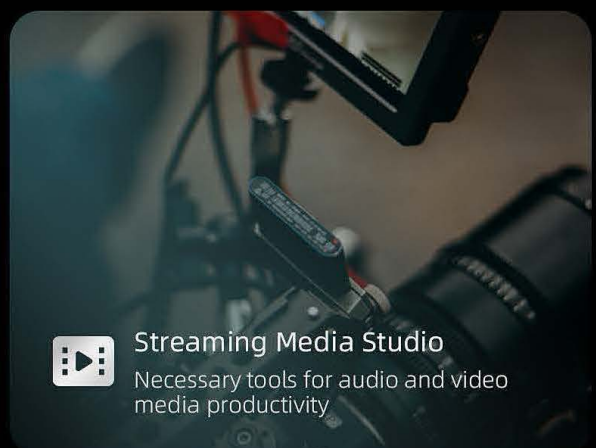
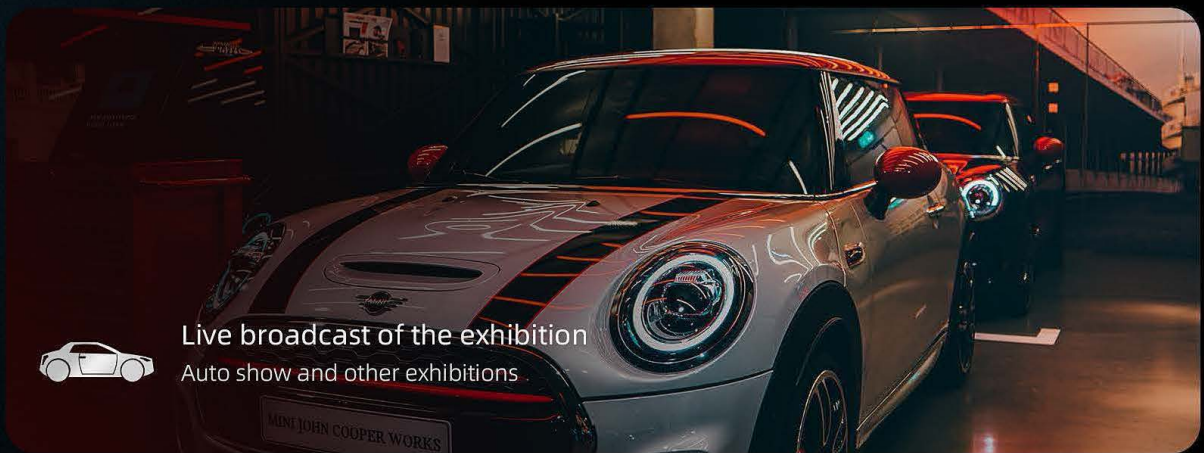
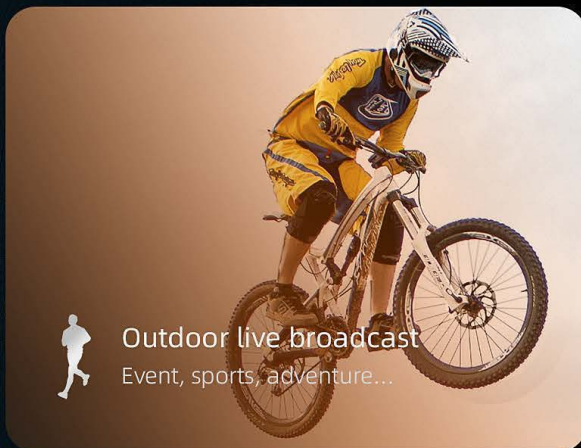
Set to bonding router with output for network



Application scenario

Applicable to various outdoor or mobile live streaming scenes

An ideal solution for new media live broadcast that is flexible and free of space restrictions



Appearance and interface

Designed for professional streaming media users,
visual window touch operation and monitoring



Gigabit WAN port

USB3.0 Network card expansion x2



Status indicator



5 inches FHD touchscreen, monitoring and operation

1/4" mounting hole at bottom and backside



Specifications and parameters

System architecture

Based on ARM embedded Linux

Video input

3G-SDI 1080p60
HDMI 4Kp30
Live dual input

Audio input

SDI/HDMI embedded audio
3.5mm line input
Mix

Audio output

3.5mm monitoring

Audio sampling

48kHz, 16 bit, stereo

Video standard

SD PAL/NTSC、720p50/59.94/60、1080i50/59.94/60、
1080p25/30/50/59.94/60、4Kp30

Video coding

H.265/HEVC, H.264

Communication and control interface

RS232×1 (PTZ control, phoenix contract) 3.5mm headphone *1 (call, connection) Tally signal (phoenix contract)

Bonding Network

4G Network*3 + USB 3.0 extend*2+ Ethernet+ 2.4G/5.8G WiFi dual frequency, 7 channels bonding

Display

5 inches MIPI LCD, 1920*1080, touchscreen interface operation, image monitoring, audio VU.

Dual power supply

10-20V Wide voltage DC power supply/embedded lithium battery 6000mAh/7.4V,
2-3 hours power supply for endurance

