

Agile Airlink

THE THINNEST H.265 ENCODER WITH UP TO FOUR CAMERA INPUTS AND DATA BONDING



Description

Airlink is a wearable ruggedized encoder and transmitter that supports up to four H.265/HEVC video streams and bonds eight combined 3G/4G connections for high-quality live streaming using Mobile Viewpoint's award-winning bonding technology. H.265 live video encoding offers high-quality transport at low bandwidth, saving money on data cards. It is also possible to add WiFi and Ethernet connections to Airlink to maximize upload capacity.

Specifications

INTERFACES

- 2x RJ-45
- 2x SD/HD SDI
- 2x SD/HD HDMI
- 6.3 mm Jack IFB/Audio return
- 2 embedded audio channels; optional 8
- 2x USB
- Touchscreen
- Optional SSD 2.5" sleeve

INPUTS

- SD; full D1
- HD; 720p50, 720p60 and 720p59,94, 1080p30 (1080p50, 1080p60 optional with special card)
- HD; 1080i50, 1080i60 and 1080i59,94

SUPPORTED ENCODING

- H.264 high profile MVP codec
- H.265 main profile MVP codec

CONNECTIONS

- 8 Modems, LTE(4G), fallback 3G
- WiFi
- Ethernet (optional 2)

RECORDING

- 120 GB internal, up to 1 TB using optional sleeve
- Simultaneously live streaming and recording in SD and HD
- SD: High-quality CBR (Constant Bit Rate) in SD H.264 or H.265 up to 40 Mbit
- HD: High-quality CBR (Constant Bit Rate) in H.264 or H.265 up to 40 Mbit

INTERNET CONNECTIVITY THROUGH DATA BONDING

- WiFi hotspot
- Access via ethernet interface

IP MANAGEMENT

- 10/100/1000 base-T (combined with second ethernet port)

HARDWARE

- Dedicated appliance 12-24 volt
- Weighs approximately 1.1 kg
- 13.8 cm x 23.4 cm x 4 cm (WxHxD)

OPERATIONS SETTINGS

- Live: Adaptive encoding and bitrate change with three options or with a slider (optional), with configurable delay between 1-60 seconds
- Upload; send contents of a USB stick to an FTP server
- Recording: CBR encoding at 30 Mbit on internal or external SSD disk
- Satellite + 3G/4G + BGAN: Specific modes to optimize transmission over BGAN and Ka-band satellite. With satellite + 3G/4G you can keep the delay at 1.8 seconds using 3G/4G modems for the return channel and IFB.
- Standby/data bonding: In this mode the unit is a true data bonding unit for high-speed uploads and internet access. In other modes data connectivity is available but live video gets prioritized.
- PostPro license (optional): In this mode the system records both a high-res CBR file and a low-res proxy file which can be used for remote editing and partial retrieve.

INCLUDES

- Integrated antenna array
- PSU 90-240 V AC to 12 V DC

AERIALS (OPTIONAL)

- Dome Antenna; omnidirectional antenna array 3 dbi

ADDITIONAL ACCESSORIES

- Custom-made backpack

KEY FEATURES

- Two HD video channels
- 8x audio per video channel
- Up to 40 Mbit H.265 encoding
- 150 Mbit data bonding
- Video return
- 120 GB storage capacity
- 8x integrated modems, WiFi and double LAN access
- Built-in WiFi 2.4/5Ghz hotspot provides for excellent data access for any device
- TripleC connectivity; two individual video channels and data routing
- Camera mount or backpack system
- Unit management via touchscreen
- Store & Forward; the system uses its entire available bandwidth to transport any kind of files through its connections to a FTP server
- Control, manage and administer all devices and connections with the LinkMatrix web portal
- Publish live content directly to many platforms, including Social Media and private CDNs

