

Agile AirLink

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

AIRLINK-4CK WITH
4K 12G-SDI INPUT



Description

The AirLink is our wearable ruggedized transmitter that transmits up to 4 videostreams in H.265/HEVC and bonds 8 combined 3G/4G connections for high quality live streaming using Mobile Viewpoint's award winning bonding technology. H.265 live video transmission offers the same quality at lower bandwidth consumption, but also saves money when using datacards. It is also possible to add WiFi and Ethernet connections to maximize the upload capacity.

Specifications

INTERFACES

- 2x RJ-45
- 3.5 mm Jack IFB/Audio return
- 2 embedded audio channels; optional 8
- 2x USB
- Touchscreen
- Optional SSD 2.5" sleeve
- Choice of inputs:
 - 1x HD-SDI, 1x HDMI, or
 - 2x HD-SDI, 2x HDMI, or
 - 4x HD-SDI, or
 - 1x UHD-SDI, or
 - 4x HD-SDI, 1x UHD-SDI

INPUTS

- SD; full D1
- HD; 720p50, 720p60 and 720p59.94, 1080p25, 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
- Simultaneous live streaming and recording in 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 1.7 kg
- 13.6 cm x 24.5 cm x 5 cm (WxHxD)

OPERATIONS SETTINGS

- Live: Adaptive encoding and bitrate change with three options or with a slider (optional), with configurable delay between 0.8-60 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 a high-res CBR next to streaming a low-res proxy file which can be used for remote editing and supports partial retrieve.

INCLUDES

- Integrated Antenna Array
- PSU 90-240 Volt AC to 19 Volt DC

AERIALS (OPTIONAL)

- Dome Antenna; omnidirectional antenna array 3 dBi

ADDITIONAL ACCESSORIES

- Custom-made backpack

DIFFERENT MODELS

- AirLink-1C: 1x HD-SDI, 1x HDMI
- AirLink-2C: 2x HD-SDI, 2x HDMI
- AirLink-4C: 4x HD-SDI
- AirLink-4K: 1x UHD-SDI
- AirLink-4CK: 4x HD-SDI, 1x UHD-SDI

KEY FEATURES

- Up to 4 HD video channels
- 2, 4 or 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; 4 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 an 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 CDN's

