

Agile Airlink

THE THINNEST ENCODER WITH TWO CAMERA INPUTS AND DATA BONDING



Description

The Airlink is our wearable ruggedized transmitter that transmits 2 videostreams at H.265/HEVC and bonds 8 combined 3G/4G connections for high quality live streaming using Mobile Viewpoint award winning bonding technology. H.265 live video transmission offers the same quality at lower bandwidth consumption, but also saves money at data cards. It is also possible to add Wi-Fi and Ethernet connections to maximize the upload capacity.

Specifications

INTERFACES

- 2 x RJ-45
- 2 x SD and HD SDI
- 2 x SD and HD HDMI
- 6.3 mm Jack IFB/Audio return
- 2 embedded audio channels; optional 8
- 2 x USB
- Touch screen
- 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 GByte internal, up to 1 TByte 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 DATABONDING

- 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 kilograms
- 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 over contents of an USB stick to a FTP server
- Recording: CBR encoding at 30 Mbit on internal or external SSD disk
- Satellite + 3G + BGAN: Specific modes to optimize transmission over BGAN and KA satellite. With Satellite + 3G we can keep the delay at 1.8 seconds using 3G/4G modems for the return channel and IFB
- Stand by/Data bonding: In this mode the unit is a true data bonding unit for high speed uploads and Internet access. Also in the other modes data connectivity is available but live video gets prioritized
- PostPro license (optional): In this mode the system records next to a high res CBR a low res proxy file which can used for remote editing and only partial retrieve

INCLUDES

- Integrated Antenna Array
- PSU 90-240 Volt AC to 12 Volt DC

ANTENNAS (OPTIONAL)

- Dome Antenna; omnidirectional antenna array 3 dbi

ADDITIONAL ACCESSORIES

- Custom made backpack

KEY FEATURES

- 2 HD video channels
- 8 x audio per video channel
- Up to 40 Mbit H.265 encoding
- 150 Mbit data bonding
- Video return
- 120 GB storage capacity
- 8 x integrated modems, Wifi and double Lan access
- The built-in WiFi 2.4/5Ghz hotspot provides for excellent data access for any device
- TripleC connectivity; 2 individual video channels and data routing
- Camera mount or backpack system
- Management of the unit via the touch screen
- 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 webportal
- Publish live directly many platforms including Social Media and private CDN's.

