

Agile LiveLink

Backpack or camera mount solution

The Agile LiveLink 265 delivers HEVC (H.265) HDR video using our dedicated 3e generation hardware platform that combines low power hardware-accelerated encoding and wireless transmission of broadcast-quality video.

H.265

The LiveLink 265 encodes video 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.

Camera mount

The system is small enough to fit between camera body and battery pack, or can be carried in a small backpack. Its aluminum design makes it extremely sturdy and will survive drops of more than 2 meters. All this while still offering up to 8 x 4G modems, HD-SDI, HDMI input, a LAN connection, satellite/KA-sat/BGAN support, an integrated antenna and 120GB of storage for recording video locally, ready for editing.

Fixed Delay

The delay can be set from 0.8 sec up to 60 seconds. When the delay is selected this will remain the end-to-end delay during the complete broadcast. This is what we consider fixed delay time. IFB or return audio is also available at less than a second delay.

Store & Forward

The WMT Agile LiveLink H.265 utilizes its bundling technology to become a high volume data Store & Forward and databonding unit for Internet access. This means that the system uses its entire available bandwidth to transport any kind of file true its connections to a FTP server.

Hotspot and Databonding

Like most WMT systems also a hotspot is available for Internet access. The hotspot uses the bonded bandwidth of all modems together providing enormous upload speeds. The device also supports full databonding across all connections and is available via the Wi-Fi hotspot or via the Ethernet connection. Both the hotspot and databonding functionality work in parallel with the transmission of video, however video is always prioritized so no interruptions due to unexpected data transmissions.

Manage & Control

In combination a web-based platform the LinkMatrix it is possible to control, manage and administer all WMT devices and connections. The LinkMatrix is multi-destination and makes it possible to publish the same feed on many platforms including Social Media and private CDN's.



- Bonding of 10 connections including wifi and Fixed IP
- Fixed low delay
- Camera mount solution
- Local and remote (web-based) management
- IFB or return audio at less than a second delay

Specifications

INTERFACES

- 2 x RJ-45
- SD and HD SDI
- SD and HD HDMI
- 6.3 mm Jack IFB/Audio return
- 2 x USB
- Touch screen
- Optional SSD 2.5" sleeve

INPUTS

- SD; full D1
- HD; 720p50, 720p60 and 720p59,94
- HD; 1080i50, 1080i60 and 1080i59,94

SUPPORTED ENCODING

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

CONNECTIONS

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

RECORDING

- 120 GByte internal, up to 1T Byte using optional sleeve
- SD: High quality CBR (Constant Bit Rate) in SD while broadcasting adaptive live stream
- HD: High quality CBR (Constant Bit Rate) in H.264 or H.265 up to 30 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
- 15cmx25cmx6cm (Wxhxd)

OPERATIONS SETTINGS

- Live: Adaptive encoding and bitrate change with three options or with a slider (optional), with configurable delay between 1*-60 seconds (* On software version 17.4)
- 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.
- Disabled/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

AERIALS (OPTIONAL)

- Dome Antenna; omnidirectional antenna array 3 dBi

ADDITIONAL ACCESORIES

- Custom made backpack

