

# Agile UltraLink 4K

THE WORLD'S FIRST 12G 4K-ENABLED ENCODER



## Description

The Agile UltraLink 4K is the first bonded backpack transmitter that provides real 4K. It is capable of delivering true 50/60 frames-per-second 4K and Ultra HD video quality from the field using 4G bonding technology.

# Specifications

## INTERFACES

- 2 x Ethernet 10/100/1000 Base-T
- SD;SD- SDI, SD-HDMI
- HD;HD- SDI, HD-HDMI
- XLR-3 IFB/Audio return
- 2, 4, 8 embedded audio channels
- 1 x USB for Store & Forward FTP file transfer
- Touch screen

## INPUTS

- SD; full D1
- HD; 720p50, 720p60 and 720p59.94, 1080p30 (10080p50, 1080p60 optional with special card)
- HD; 1080i50, 1080i60 and 1080i59.94
- 4K: 4K UHD

## SUPPORTED ENCODING

- H.264
- H.265
- Framerate 50, 60 , 59.94

## CONNECTIONS

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

## RECORDING

- 120 Gigabyte (can be higher on request)
- SD: High quality CBR (Constant Bit Rate) in SD while broadcasting adaptive live stream
- HD: High quality CBR (Constant Bit Rate) in HD while broadcasting adaptive live stream
- 4K: High quality CBR (Constant Bit Rate) in 4K while broadcasting adaptive live stream

## WEIGHT & DIMENSIONS

- 2.4 kg
- 26 x 19 x 19 cm (W x B x H)

## INTERNET CONNECTIVITY THROUGH DATABONDING

- WiFi hotspot up to 100 MB
- Access via ethernet interface

## IP MANAGEMENT

- 10/100/1000 Base-T

## 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/4G+ BGAN: Specific modes to optimize transmission over BGAN and KA satellite. With Satellite +3G/4G we can keep the delay at 1.8 seconds using 3G/4G modems for the return channel and IFB.
- Stand-by/Databonding: In this mode the unit is a true databonding 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

- Industry standard battery plate (Anton Bauer or V-Lock)
- PSU 90-240 Volt AC to 12 Volt DC

## AERIALS

- Choice of aerials available:
- Omnidirectional 0 and 3 dBi
- 11 dBi Directional array
- Dome antenna, extended to two meters

## EXTRAS

- Backpack with mechanical ventilation

## KEY FEATURES

- Linux OS
- Best of class video
- 10 bonded connections 8 x built-in 3G/4G modems, WiFi and Ethernet
- Big upload speeds for 4K streaming, data access or file upload
- Live video and data transfer simultaneously
- Compact sized
- High volume store & forward
- Video return
- Default storage capacity of 120 GB which can be upgraded until one TB
- Control, manage and administer all devices and connections with the LinkMatrix webportal
- Publish live directly multiple platforms including Social Media and private CDN's
- Routing to any other Mobile Viewpoint Payout at the same time
- Ability to stream and record
- Encrypted transmission
- Ability to connect to Mobile Viewpoint LinkSwitch

