



# TVU G-Link™ 4K

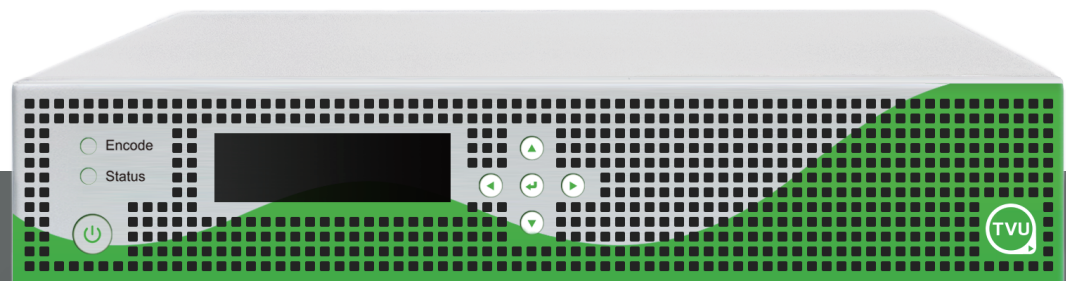
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## Advantages

- △ True 4K60P UHD HDR rack-mount contribution encoder
  - △ Uses patented IS+ technology to achieve sub-second latency with commoditized Internet
  - △ HEVC encoder supports 10-bit 4:2:2 modes
  - △ Physical interface supports 12G-SDI and 3G-SDIx4
  - △ User-friendly management interface
  - △ Uses patented IS+ technology
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Broadcast industry-quality IP transmission.

High-performance codec for true real-time 4K UHD video encoding.



# TVU G-Link™ 4K Technical Specifications

## Encoder Specifications

### Encoder GL1000

(W) x (H) x (D): 214 x 42.8 x 289.7 mm



### Video Input

BNC: 12G-SDI/4x3G SDI

### Video Resolution

4K/3840x2160  
60p/59.94p/50p/30p/29.97p/25p  
1920x1080  
60p/59.94p/50p/30p/29.97p/25p  
1920x1080 60i/59.94i/50i  
1280x720 60p/59.94p/50p  
NTSC/PAL

### HDR

HLG  
HDR10

### Wide Color Gamut

REC.709  
REC.2020

### Video Compression

Encoding Compression: HEVC/H.265  
Sample: 10-bit, 4:2:2  
Bit-Rate: 3-300M CBR

### Audio Input

16-channel embedded audio

### Audio Compression

Audio Encoding Format: AAC/MP3  
Audio Bit-Rate: 256K/128K/64K  
Sampling: 48KHz/16-bit

### Synchronization

Tri-level sync or black-and-burst

### Network Interface

2x GigE port with separate NICs

### Transmission Protocol

Inverse StatMux Plus (IS+)  
Stream Package Format: ISSP  
Data Correction: FEC  
High-efficiency re-transmission method

### Local Monitor Output

1x HDMI 2.0

### Power Consumption

75W

### Power Input

DC12V

### System Platform

Linux

### Operation & Maintenance

Local web-based GUI

## Decoder Specifications

### Decoder VS3500

(W) x (H) x (D): 430 x 45 x 264 mm



\*Requires 4K output option to support 4K output

#### Video Output

BNC: 12G-SDI / 4x3G SDI

#### Audio Input

16-channel embedded audio

#### Local Monitor Output

1x HDMI 2.0/1x VGA

#### Video Resolution

4K/3840x2160  
60p/59.94p/50p/30p/29.97p/25p  
1920x1080  
60p/59.94p/50p/30p/29.97p/25p  
1920x1080 60i/59.94i/50i  
1280x720 60p/59.94p/50p  
NTSC/PAL

#### Audio Compression

Audio Encoding Format: AAC/MP3  
Audio Bit-Rate: 256K/128K/64K  
Sampling: 48KHz/16-bit

#### Power Consumption

90W

#### Power Input

100-240V ~/3.5A 47Hz-63Hz

#### HDR

HLG  
HDR10

#### Transmission Latency Range

0.8-50 seconds

#### System Platform

Linux

#### Synchronization

Tri-level sync or black-and-burst

#### Operation & Maintenance

Local web-based GUI

#### Wide Color Gamut

REC.709  
REC.2020

#### Network Interface

4x GigE port with separate NICs

#### Other Interface

HDMI display interface  
USB 2.0 x2

#### Video Compression

Encoding Compression: HEVC/H.265  
Sample: 10-bit, 4:2:2  
Bit-Rate: 3-50M CBR

#### Transmission Protocol

Inverse StatMux Plus (IS+)  
Stream Package Format: ISSP  
Data Correction: FEC  
High-efficiency re-transmission method



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