



# TVU G-Link™ 4K

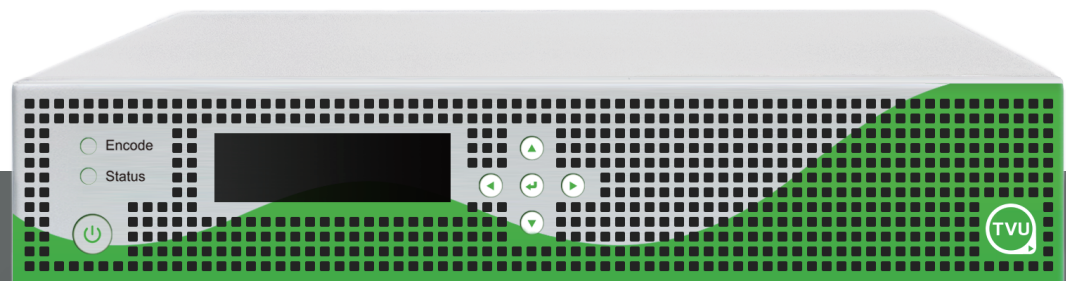
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## Advantages

- △ 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 Interface

#### Video Interface

BNC: 12G-SDI /4x3G SDI

#### Encoder

HEVC/H.265

Sample : 8bit/10bit, 4:2:2/4:2:0

Bitrate: 3-100M VBR/CBR

#### Video format

4K 3840x2160

60p/59.94p/50p/30p/29.97p/25p

HD 1920x1080

60p/59.94p/50p/30p/29.97p/25p

1920x1080 60i/59.94i/50i

1280x720 60p/59.94p/50p

SD NTSC/PAL

#### HDR

HLG, HDR10

#### Color Space

REC 709, REC 2020

#### Synchronization

Tri-level sync or black-and-burst

### Audio

#### Audio interface

Embedded Audio 16ch

#### Encoder

Encoding: AAC-LC/AAC-HE

Sampling: 48KHz/16bit

BitRate: 128K /256K/320K

### Network

#### Network interface

2x GigE port with separate NICs

#### Transmission

TVU Inverse Statmux + (IS+) Inverse Statmux + is the industry's highest-quality and most robust transmission solution for low-latency, live video over IP. IS+ provides stability in low signal areas as well as under the most unstable conditions including rapid drops in available bandwidth

#### Stream Package Format

ISSP/UDP

### Data Correction

FEC

### System

#### System Platform

Linux

#### Web Control Interface

Web-based control

#### Monitor Output

1x HDMI 2.0

#### Power Consumption

75W

#### Power Input

DC12V

#### System Dimension

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

## Decoder Specifications

**TVU G-link Decoder VS-3600 v1**  
(W) x (H) x (D): 430 x 44.5x 395 mm

**TVU G-link Decoder VS-3600 v2**  
(W) x (H) x (D): 430 x 44.5x 265 mm



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#### Stream Package Format

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### Data Correction

FEC

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Linux

#### Web Control Interface

Web-based control

#### Monitor Output

2x HDMI 2.0/ 1x DP

#### Power Consumption

150W

#### Power Input

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

#### Form Factor

1RU Rack-Mount Chassis



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