8K Streaming Encoder "e8"

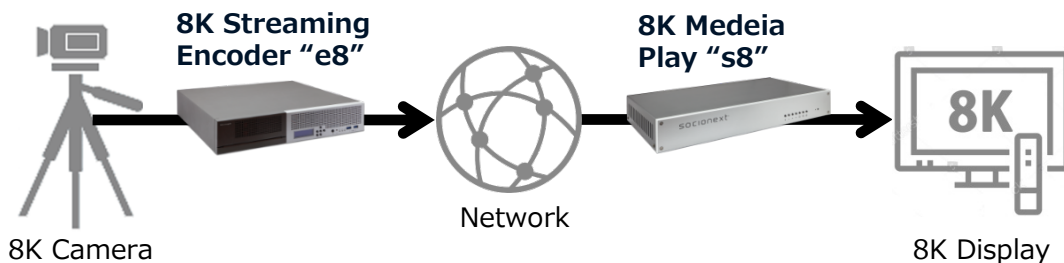Enables Live Streaming of 8K Video
Streaming Encoder e8

The 8K Streaming Encoder "e8" from Socionext generates live 8K video streams for expanding the use of high-quality video in a wide range of applications.

■Features

- ● 8K60p real-time streaming of video shooting by 8K camera
- ● Easy to use and small body size (W:370㎜ × D:350㎜ × H:70㎜)
- ● Offered with the Socionext 8K Media Player

[8K live streaming system]

8K Camera → **8K Streaming Encoder "e8"** → Network → **8K Medeia Play "s8"** → 8K Display

■Applications

- ● Viewing of public live events
- ● Live streaming in commercial enterprises and organizations
- ● Real-time monitoring for medical applications
- ● 8K-VR streaming

■Specifications

Item		Specification
Interface	**Input**	- **Connector : 12G-SDI x 4ch, DIN type** - **Video : 8K, 2 sample interleave** - **Audio : SDI embedded audio**
	Output	- **Gigabit Ethernet x 2ch** - **USB3.0 x 2ch (for recording)**
Encoding Function	**Video**	- **Resolution : 7680 x 4320 pixel** - **Pixel format : 10bit, 8bit / 4:2:2, 4:2:0** - **Framerate : 60, 59.94, 50, 30, 29.97, 25, 24, 23.98** - **Encoding format : HEVC** - **Bitrate : 60Mbps – 200Mbps** - **Support embedding HDR parameters**
	Audio	- **Encoding format : AAC LC, Pass-through** - **Channel : 2ch**
Streaming Function	**Streaming Protocol**	- **HTTP Live Streaming (HLS)** - **RTMP (with proprietary extension)** - **RTP (with or w/o FEC)** - **UDP**
	Container Format	- **MPEG2-TS**
Recoding Function	**Supported Storage**	- **USB memory**
	File Format	- **MPEG4, MPEG2-TS, Video-ES**
Chassis	**User Interface**	- **Buttons and LCD display on front panel**
	Dimensions	- **370mm (W) x 350mm (D) x 70mm (H)**
	Power Supply	- **100 – 240V**
Others	**Certification**	- **CE** - **FCC Class A** - **CCC**

* This specification is subject to change without notice.