8K Streaming Encoder ‘e8’
Enables Live Streaming of 8K Video

Overview

8K Streaming Encoder ‘e8’ enables live video streaming through network with 8K resolution that makes impressive experience for public screening, live streaming and other applications.

Key Features

- 8K60p real-time streaming of video shooting by 8K camera
- Easy to use and small body size: 370mm (W) x 350mm (D) x 70mm (H)
- Provided with 8K Media Player
- Support SRT protocol for streaming

Applications

- Public Screening of Events
- Live Streaming in Organization
- Real-time Monitoring for Medical
- 8K-VR Streaming

8K Live Streaming System

8K Camera 8K Streaming Encoder ‘e8’ Network 8K Media Player ‘s8’ 8K Display
## Specifications

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<td><strong>Interface</strong></td>
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| Input       | - Connector : 12G-SDI x 4ch, BNC 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** |          |
| Protocol    | - HTTP Live Streaming (HLS)  
              - RTMP [with proprietary extension]  
              - RTP [with or w/o FEC]  
              - UDP  
              - SRT |
| Container Format | - MPEG2-TS |
| **Recording Function** |          |
| Storage     | - USB memory |
| File Format | - MP4, 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.*