

Stagebox

PRODUCT DESCRIPTION

Stagebox is a professional grade audio-video broadcasting device, jointly developed by CoreEL and British Broadcasting Corporation (BBC). This device is meant for reducing the infrastructure cost in the outside broadcast application. Stagebox takes up to half a dozen expensive cable connections and squeezes them into a single link that can be networked and treated like any internet connection.

Stagebox can also be used in various post production applications to optimize work flows, easier and faster editing and lesser delay for studio's technical director to broadcast the video live.

KEY FEATURES

- Industry standard codec H.264 AVC Intra Frame Codec
- LPCM multi channel audio
- RTP Transport over IP network
- HD-SDI input and output
- Genlock input and output
- Time code input and output
- Bluetooth talkback
- Built-in tally lights
- Camera control via LANC & RS422

SPECIFICATIONS

FPGAs / ADC

- Xilinx Kintex-7 325T / Virtex-6 LX240T FPGA

Interfaces

- HD-SDI in and out
- Ethernet over SFP transceiver
- Genlock in & out
- LTC in and out
- 2x analog audio in + 2x analog audio out
- Bluetooth
- Wi-Fi (IEEE 802.11b/g)
- GPIO tally lights
- LANC & RS422



IP Cores

- H.264 AVC Intra frame encoder and decoder
 - Low latency
 - High quality with bitrate support up to 100+ Mbps
 - Configurability

MECHANICAL

- Camera back mount
- Weighs less than 1 kg

POWER CONSUMPTION

- The unit consumes 25W
- 12V DC power supply

ENVIRONMENTAL

- Temperature range : To be used in controlled temperature environment

PART NUMBER(S)

CB1010	Stagebox
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