

ION-CPS-S1

(Non-DCI Cinema Server)



CPS-S1 cinema server is one of the industry's commercially available server capable of playing JPEG2000 digital movies

ION-CPS-S1

(Non-DCI Cinema Server)

ION-CPS-S1 cinema server is one of the industry's commercially available server capable of playing JPEG2000 digital movies

PLAYBACK

- ▶ Visually lossless bitrate up to 250MB/s
- ▶ JPEG2000 2K or 4K movie at 2K resolution
- ▶ Resolution : 4K, 2K, HD @ Flat, Scop, Full Container
- ▶ Stereo & 5.1 Ch

Video Output

- ▶ Single link HD-SDI
- ▶ HDMI

Video Output Resolution

- ▶ HD, 2K, 4K @ 24p, 25p, 30p, 50i, 60i

Audio Channels

- ▶ Analog Audio (5.1ch) or HDMI embed Audio

Ingest

- ▶ USB 3.0, Gigabit Ethernet
- ▶ eSATA CRU PORT

Supported DCP File System

- ▶ NTFS, LINUX (ext2,3)

Operational Condition

- ▶ 0°C ~ 40°C, 20%~80% relative humidity

Connection Diagram

- ▶ Video out to Non-DCI Projector or LED Screen

Picture Format

- ▶ ISO/IEC 15444-1 JPEG2000
- ▶ Maximum bit rate 250Mbps
- ▶ HD,2K,4K Playback

SECURITY

- ▶ 2,048-bit RSA key delivery decryption
- ▶ 128-bit AES content decryption
- ▶ Key Delivery Messages(KDM)
- ▶ ION CINELINK (Cinema server & Projector link encryption)

Color Space Conversion

- ▶ CIE XYZ color space@gamma 2.6 to Rec 709@gamma 1.8~2.2

Standards Compatible

- ▶ DCI Interop, SMPTE Standard DCP

STORAGE

- ▶ 4TB Internal storage

Software

- ▶ ION CinePlay Cinema Player™

Power

- ▶ 100 to 240V AC 50-60Hz

