P²

ION-CPS P²
(Cineplay Cinema Server)

ON Digital Cinema Server

ION-CPS P2
(Cineplay Cinema Server)

ION-CPS cinema server is one of the industry's commercially available server capable of playing JPEG2000 digital movies (DCP-Digital Cinema Packages).

Perfectly compatible with DCI 1.2

▶ 2K Flat, Cinemascope
▶ Clear picture of intraframe type
▶ XYZ color space
▶ Stereo & 5.1 Ch

Video Output

▶ HD-SDI 3G or HDMI

Video Output Resolution

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

Audio Channels

▶ Digital AES/EBU 5.1ch (Single DB-25 Connector)
▶ Support Digital Cinema Audio Processor (DOLBY,QSC)
▶ HDMI embed Audio

Interfaces

▶ CRU SATA2
▶ USB 3.0, Gigabit Ethernet, SATA3

Software

▶ ION CinePlay Cinema Player ™

Supported DCP File System

▶ NTFS, LINUX, MAC

Operational Condition

▶ 0℃ ~ 40℃, 20%–80% relative humidity

Picture Format

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

SECURITY

▶ 2,048-bit RSA key delivery decryption
▶ 128-bit AES content decryption
▶ Key Delivery Messages(KDM)

Color Space

▶ CIE XYZ color space @ 12bit, gamma 2.6

Standards Compatible

▶ DCI Interop, SMPTE Standard

STORAGE
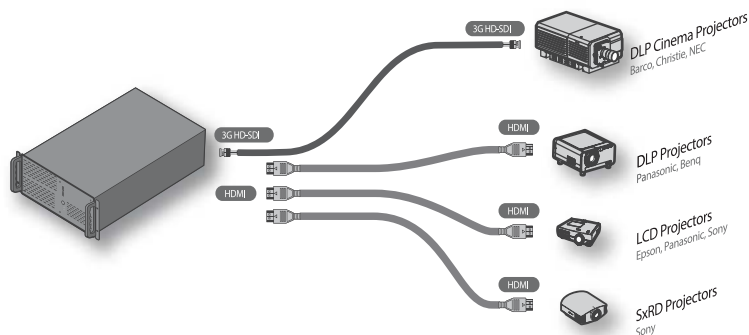
▶ 2TB Internal storage

Dimension

▶ 480mm(W) x430mm(D) x 132mm(H)

Power

▶ 100 to 240V AC 50-60Hz

Connection Diagram

▶ Video out to Any projector and LED Screen