

LPU-1000

LED Player Unit



- Central unit for DCP content playback on Samsung Cinema LED screen
- Provides direct hardware interface and the necessary signal processing required to support content playback on Samsung Cinema LED screen
- Supports high frame rate content in 2D and 3D (50 & 60 fps per eye) and all image resolution including SD, HD, 2K and 4K
- Additional Gigabit LAN port that can be used for dedicated ingest, theatre automation, and other external devices

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LPU-1000 LED Player Unit

Technical Specifications

Physical

Dimensions	371.2 (W) x 581.2 (D) x 153.2 (H) mm
Weight	12 kg

Environmental

Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	20% to 90%, non-condensing
Operating Altitude	10,000ft. (3,000m) above sea level**

Power Supply Unit (PSU)

Power Requirement	AC100-240V, 50-60Hz, 1.7A
Max Power Consumption	150W

LED Display

Direct interface with Samsung Cinema LED Screen

Video Specifications

JPEG 2000	4K - 24, 25, 30 (2D) 2K - 24, 25, 30, 48, 50, 60 (2D) 2K - 24, 25, 30, 48, 50, 60 (3D) (optional)
MPEG 2/MPEG 4	SD/HD
Packaging	SMPTE Digital Cinema Package (DCP), Interop DCP

Audio Output

Digital Uncompressed Audio	16/24-bit AES/EBU, 16 channels, 48/96 KHz, 2 x RJ45
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System Interfaces

Ethernet	3 x RJ-45 (1000 BaseT)
eSATA	x 2
USB 2.0	2 x USB A-Type Female
USB 3.0	1 x USB A-Type Female
LTC	In & Out (2 x BNC)
HDMI	x 1 (alternative content input)
3G-SDI	x 2 (alternative content input)
8-port GPI/Os (optional)	4 x RJ45 (8 GPIs and 8 GPOs)

Storage Options

Redundant hot swappable 6TB

Security

NexGuard® forensic watermarking
DCI Compliant (FIPS 140-2)

Subtitles

Subtitle overlay

User Interface

PC/MAC/VGA

** Depending on specifications of the hard disk