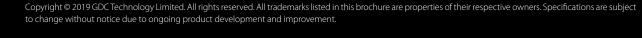
LPU-1000 **LED Player Unit**

- 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





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

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)

HDMIx 1 (alternative content input)3G-SDIx 2 (alternative content input)8-port GPI/Os (optional) $4 \times RJ45$ (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

