



Introduction

The S-LEDPRO-MPLAY130 is an LED playback control processor specially designed by Starview for LED screen applications. It integrates the Android system, sending card and video processing functions into one unit, and allows third-party apps to run on it, featuring powerful interaction, display and playback control capabilities.

The S-LEDPRO-MPLAY130 supports a maximum load capacity of 13 million pixels and offers convenient LED screen control via the front panel LCD or a remote control. It also supports wireless screen mirroring across multiple platforms including Windows, macOS, iOS, and Android. To cater to different application scenarios, the S-LEDPRO-MPLAY130 features advanced image processing capabilities and provides 4 modes to let the document presentation, video playback and remote meetings have the optimal display effect.

The S-LEDPRO-MPLAY130 has no requirements of redesigning or changing the screen structure and can be mounted on the wall or placed on a surface or into a cabinet, allowing for quick environment setup and use. It is highly versatile and suitable for a broad range of applications such as corporate showrooms, conference rooms, auditoriums, and outdoor standalone LED displays.

Features

Inputs and Outputs

- 1x HDMI 1.3 input
- 2x HDMI 2.0 inputs
- 2x USB 2.0 inputs
- 1x USB 3.0 input
- 1x HDMI 1.3 output for monitoring and debugging
- 20x Gigabit Ethernet outputs
- 2x OPT outputs (The product ships without optical modules.)
- 4x audio outputs
 - 1x SPDIF digital audio output
 - 1x 3.5-mm audio output
 - 1x HDMI ARC audio output
 - 1x Phoenix audio output
- Output image scaling
 - Width range: 64 to 16384 pixels
 - Height range: 64 to 8192 pixels
 - Total device load capacity $\leq$ 13 million pixels

Note: When using the scaling function, the maximum load capacity is 13 million pixels, while the maximum pixel load for pixel-to-pixel display is 8.8 million.

System Functions

- Android 13.0-based desktop UI system, supporting third-party apps
- Screen drawing and commenting (To use this feature, please purchase a whiteboard activation code separately.)
- Wireless screen mirroring from Windows, macOS, iOS and Android
- Working with the Starview app to achieve reverse control
The speaker can reversely control the LED screen via the terminal.
- Powerful processing performance
 - Quad-core A73 + quad-core A53 ARM processor @2.2 GHz
 - Support high-definition video decoding of H.264 4K@30Hz and H.265 4K@60Hz.
 - 8 GB of onboard RAM
 - 128 GB of storage space
- Excellent playback performance
Supports playback of 1 stream of 8K video (support for H.265/HEVC and VP9 encoding formats only), 2 streams of 4K video, 5 streams of 1080p video, 9 streams of 720p video, 14 streams of 480p video, or 15 streams of 360p video.
 - 1 stream of 8K video only supports H.265/HEVC (7680×4320@24Hz, bit rate: 14Mbps) and VP9 (7680×4320@30Hz, bit rate: 51Mbps) encoding formats. Decoding and playback of videos with resolutions between 4K and 8K are not supported.
 - Videos with resolutions between 2K and 4K will be converted into 4K videos.
- Playback control via different terminals
 - Intelligent playback control via the Starview app: program editing and publishing and screen control from a smartphone. The HDMI 1 can also be used as program content to enable simultaneous display of internal and external sources.
 - Convenient playback control via remote: Perform playback control of local programs and simple program editing on the screen.
 - USB playback: Support standalone playback, plug and play, copy and play.
- Free receiving card connection
Blank spaces do not occupy load capacity, and there's no rectangular frame restrictions, allowing Ethernet port bandwidth to be fully utilized. (Specific receiving cards are required.)
- Eye comfort mode
- Dual Wi-Fi modes
Allow for Wi-Fi and wireless hotspot connections at the same time.
- HDR
Supports HDR10 and complies with SMPTE ST 2084/SMPTE ST 2086 standards.

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Performance specifications are typical. Due to constant research, specifications are subject to change without notice. For the most up-to-date specifications, please contact an authorized Starview representative.

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- Peak brightness
Real-time analysis and dynamic adjustment are made to each frame to significantly improve the display contrast and image details for better visual experience, and effectively control and lower the display power consumption, extending the service life of the LED screen. (Specific receiving cards are required.)
- AI image enhancement
Enable intelligent recognition of playing content, fine tuning of colors in each frame, and comprehensive optimization of color saturation, brightness, sharpness and dynamic motion compensation.
 - This feature is available for the internal source (Android) and HDMI 1 only.
 - AI image enhancement is effective only during single-window video playback.
- Effect adjustment
Offer 4 display modes including standard, meeting, vivid and skin, and allow you to adjust the brightness, color temperature, saturation, contrast, etc.

Device Controls

- Gigabit Ethernet control port with TCP/IP protocol support
- Low-power (less than 0.5 W) mode during standby, and wakeup from standby via infrared remote
- A relay can be connected for convenient power management of LED display
- Intelligent control via the Starview app
Easily configure the LED screen within just 10 minutes. The app also allows you to scan QR codes to set up screens, connect and adjust the topology by taking photos, and monitor the status of your devices.
- Control the device with a remote
- Bluetooth 5.1
Can connect to the Bluetooth voice remote, Bluetooth mouse, Bluetooth keyboard, Bluetooth sound system and other common peripherals. Up to 7 peripheral devices can be connected.
- Control via front panel LCD (touch control not supported)
- Support peripherals such as camera, sound system and infrared touch frame.

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Technical specifications

S-LEDPRO-MPLAY130

Electrical Specifications	Input voltage	100-240V~, 50/60Hz, 2.5A Max
	Rated power consumption	53.9 W
Storage Space	RAM	8 GB
	Internal storage	128 GB
Operating Environment	Temperature	-20°C to +50°C
	Humidity	5% RH to 85% RH, non-condensing
Storage Environment	Temperature	-20°C to +70°C
	Humidity	5% RH to 95% RH, non-condensing
Physical Specifications	Dimensions	445.0 mm × 381.8 mm × 50.1 mm
	Net weight	4.60 kg
	Gross weight	8.00 kg Note: It is the total weight of the product, accessories, and packing materials packed according to the packing specifications.
Packing Information	Packing box	590.0 mm × 520.0 mm × 180.0 mm, kraft paper box
	Accessory box	408.0 mm × 294.0 mm × 51.0 mm, white cardboard box
	List	• 1x S-LEDPRO-MPLAY130 • 1x Power cord • 1x Bluetooth voice remote • 1x Ethernet cable • 1x HDMI cable • 2x Female Phoenix connectors (6 pins) • 3x Antennas • 2x Hanging brackets
IP Rating	IP20 Please prevent the product from water intrusion and do not wet or wash the product.	

The amount of power consumption may vary depending on various factors such as product settings, usage, and environment.

Media Decoding Specifications

Image

Codec	Resolution	Format	Note
JPEG	64×64 pixels to 8000×8000 pixels	JPG, JPEG	Support for interlaced scan only Support for SRGB JPEG Support for Adobe RGB JPEG
BMP	64×64 pixels to 8000×8000 pixels	BMP	N/A
GIF	64×64 pixels to 4096×2304 pixels	GIF	Supported frame rate range: 1 fps to 30 fps
PNG	64×64 pixels to 8000×8000 pixels	PNG	N/A
WEBP	64×64 pixels to 8000×8000 pixels	WEBP	N/A

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Video

Codec	Resolution	Max Frame Rate	Max Bit Rate (Ideal Case)	Format
H.265/HEVC	64×64 pixels to 4096×2304 pixels	60fps	100Mbps	MP4, MKV
H.264	64×64 pixels to 4096×2304 pixels	30fps	100Mbps	AVI, MOV, MP4, MKV, M4V, FLV
MPEG4 ASP	64×64 pixels to 1920×1080 pixels	60fps	25Mbps	MP4, AVI, MOV
VP9	64×64 pixels to 4096×2304 pixels	60fps	60Mbps	WEBM, MKV
VP8	64×64 pixels to 1920×1080 pixels	60fps	25Mbps	WEBM, MKV

For H.265/HEVC and VP9 encoding formats, standard 8K (7680×4320) resolution is supported, but decoding and playback of videos with resolutions between 4K and 8K are not supported. The corresponding frame rates and bit rates are shown in the table below:

Codec	Resolution	Max Frame Rate	Max Bit Rate (Ideal Case)	Format
H.265/HEVC	7680×4320 pixels	24fps	14Mbps	MP4, MKV
VP9	7680×4320 pixels	30fps	51Mbps	WEBM, MKV

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