



Introduction

The SVP-MeSer-2U4K-500G is a 2U media server delivering up to 8K×2K output with pixel-to-pixel clarity for multimedia exhibition halls, banquet halls and fixed-installation stage displays. It supports playback of up to 40 layers and multi-connector mosaic across 1× DP and 2× HDMI 2.0 outputs.

Powered by a 12th-Gen Intel Core i5 and built-in Starview media software, it provides visualized program arrangement with live and pre-edit modes, a managed media library, crossfade switching, and layer masking, cropping, keying and opacity control. NDI, streaming, website and text sources are supported alongside local media, with hardware decoding and remote control through the Starview control app.

Features

Ultra-high-resolution playback

- Up to 8K×2K output, with playback of up to 40 layers.
- Multi-connector mosaic with a width or height up to 16,384 pixels; single output split into up to 64 partitions.
- HDR10 (PQ / SMPTE ST2084) output support; hardware decoding for smooth, high-bitrate playback.

Creative mosaic and flexible layout

- Split, merge and rotate multiple outputs for irregular-screen mosaic.
- Layer mask, cropping, keying, blurring and opacity adjustment; configurable layer size and priority; crossfade.

Rich media and diverse sources

- Managed media library (video, images, PowerPoint, audio) with sorting and batch import.
- Formats mp4/avi/mkv/mov/wmv/mpeg, jpg/png/bmp/gif, mp3/aac/flac/wav; decoders H.264, H.265, MPEG-4/2, WMV.
- NDI, website, streaming-media and text sources; up to 1080p PowerPoint with laser-pointer control.

Reliable operation and control

- Visualized program arrangement with live and pre-edit modes; one-click FTB; auto-startup playback.
- Cascading, dual-machine backup and EDID lock; remote operation via the Starview control app.

Technical Specifications		SVP-MeSer-2U4K-500G
Performance	Rack unit	2U
	Max. output capacity	Up to 8K×2K
	Simultaneous layers	Up to 40
	Output partitions	Up to 64
Video Outputs	Output connectors	1× DP 1.2 + 2× HDMI 2.0 (mosaic). Single-connector max 4096×2160@60Hz; 3-connector mosaic W/H ≤ 16,384 px, total < 8192×2160@60Hz
	Max. resolution / connector	4096×2160@60Hz
	Mosaic span	≤ 16,384 px (W or H)
	Control UI	1× HDMI, 2K×1K@60Hz
Interfaces	Ethernet	1× RJ45, 2.5 Gb
	Audio	Line in / Line out / MIC in (3.5 mm)
	USB	2× USB 3.0 (front); 2× USB 3.0 + 2× USB 2.0 (rear)
Hardware	Processor	Intel Core i5-12400
	Memory	16 GB DDR4
	Storage	500 GB M.2 SSD
	Graphics	Integrated
	Operating system	Windows 11 IoT Enterprise LTSC
	Software	Starview media software + Starview control app
Electrical	Power connector	100-240V~, 50/60Hz
	Power consumption	400 W
Operating Environment	Temperature	0°C to 45°C
	Humidity	0-80% RH, non-condensing
Storage Environment	Temperature	-10°C to +60°C
	Humidity	0-95% RH, non-condensing
Physical	Dimensions (W×D×H, mm)	482.6 × 581.1 × 94.6
	Net weight	10 kg
	Packing box (mm)	720 × 595 × 215
Accessories	In the box	1× Power cable, 2× HDMI cables, 1× DP cable, 1× Keyboard & mouse set, 1× Windows product-key label

For technical or sales support, please visit:

www.starviewint.asia

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.

For assistance with confirming the Jurisdiction & Classification of Starview Asia products, please contact info@starviewint.asia

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