



Introduction

The SVP-MeSer-4U5K-500G is a high-performance 4U media server reaching up to 8K×4K output through four DP 1.4 connectors, built for large-scale stage productions, exhibitions and creative fixed installations. It supports an unlimited number of layers and ships with a dedicated 5 GB GDDR5 graphics card.

Powered by a 12th-Gen Intel Core processor with 32 GB DDR5 and built-in Starview media software, it adds professional XLR audio output, HDR10 output, multi-screen management, sequence-frame playback and external LTC/MTC timecode input for precise, synchronized shows. It supports NDI, streaming, website, capture-device and text sources with hardware decoding, and is operated remotely through the Starview control app.

Features

Ultra-high-resolution playback

- Up to 8K×4K output via 4× DP 1.4, with an unlimited number of layers.
- Dedicated 5 GB GDDR5 graphics: 1× 8K×4K@30fps or 3× 4K×2K@60fps hardware-decoded playback.
- HDR10 (PQ / SMPTE ST2084) output support; single output split into up to 64 partitions.

Creative mosaic and multi-screen control

- Free splitting, reorganizing and rotating of outputs (mosaic W/H up to 16,384 px).
- Layer mask, cropping, keying, blurring and opacity adjustment; multi-screen management and control.

Professional media and synchronization

- Managed media library; image-sequence playback (BMP/JPG/PNG/DPX/DDS/TGA/TIFF); external LTC/MTC timecode input.
- Video/image/audio formats and Office files (PPT/Excel/Word/PDF); decoders H.264, H.265, MPEG-4/2, WMV.
- NDI, website, streaming-media, capture-device and text sources.

Reliable operation and control

- Visualized program arrangement with live and pre-edit modes; professional XLR audio output.
- One-click FTB; auto-startup playback; cascading, dual-machine backup and EDID lock; Starview control app.

Technical Specifications		SVP-MeSer-4U5K-500G
Performance	Rack unit	4U
	Max. output capacity	Up to 8K×4K
	Simultaneous layers	Unlimited
	Output partitions	Up to 64
Video Outputs	Output connectors	4× DP 1.4, up to 4× 5120×2880@60Hz. Four-connector mosaic W/H ≤ 16,384 px; single connector 480-8192 (W) × 300-8192 (H) px
	Max. resolution / connector	5120×2880@60Hz
	Mosaic span	≤ 16,384 px (W or H)
	Control UI	1× HDMI, 2K×1K@60Hz
Interfaces	Ethernet	1× RJ45, 2.5 Gb
	Audio	XLR L/R out; C/SUB, Line in, Line out, MIC, Rear (3.5 mm)
	USB	2× USB 3.0 (front); 4× USB 3.0 (rear)
Hardware	Processor	Intel Core (12th Gen)
	Memory	32 GB DDR5
	Storage	256 GB system SSD + 1 TB storage SSD (optional +1 TB / 4 TB)
	Graphics	Dedicated, 5 GB GDDR5 (160-bit)*
	Operating system	Windows 11 Pro (25H2)
	Software	Starview media software + Starview control app
Electrical	Power connector	100-240V~, 50/60Hz
	Power consumption	500 W
Operating Environment	Temperature	0°C to 40°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 × 642.0 × 183.5
	Net weight	17 kg
	Packing box (mm)	805 × 625 × 300
Accessories	In the box	1× Power cable, 4× DP cables, 1× HDMI cable, 1× Keyboard & mouse set

* Ships with a dedicated 5 GB GDDR5 graphics card (1× 8K×4K@30fps or 3× 4K×2K@60fps hardware-decoded); a higher-capacity 20 GB graphics option (8K×4K@60fps) and an optional HDMI capture card are available.

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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