



Introduction

The SVA-VDPRO-CHASIS Series is a new generation of modular Video Splicing Processors that integrate video processing and video control into a single platform, purpose-built for fine-pitch LED screens and large-scale professional displays. Each unit adopts a fully modular, plug-in architecture, allowing input and output cards to be freely configured and hot-swapped to match any project.

Built on a pure-hardware FPGA system architecture, the series delivers stable, high-efficiency performance with low failure rates and easy maintenance. It provides industry-standard input connectors – including HDMI, DP, SDI, fiber and IP – and supports 10-bit video processing as well as 4K/8K high-definition input and output. LED 4K sending cards enable backup between OPT and Ethernet ports and ultra-long-distance transmission.

The series supports multi-screen and multi-layer management, EDID management, input source cropping and renaming, BKG and OSD configuration, and HDR10/HLG processing. Adopting a B/S (browser/server) architecture, the processors can be accessed and controlled across Windows, macOS, iOS, Android and Linux without installing any dedicated software, and support multi-user online collaboration.

Available in five chassis sizes – SVA-VDPRO-CHASIS-2U, -5U, -9U, -15U and -20U – the series scales from 26 million to 260 million pixels of loading capacity, suiting command and control rooms, broadcast, exhibitions, stage rental, transportation, energy and enterprise applications.

Features

Modular, plug-in design for flexible configuration

- LED 4K sending cards
 - The 20× RJ45 sending card (SVP-SendCard-J45-X20) loads up to 13,000,000 pixels.
 - The 4× fiber sending card (SVP-SendCar-OPT-X4) loads up to 20,800,000 pixels and supports three working modes: independent, copy and backup.
 - Fiber transmission up to 10 km (single-mode) or 300 m (multi-mode).
- Multi-capacity input on a single card slot
 - 4x 2K×1K@60Hz / 2x 4K×1K@60Hz / 2x 4K×2K@60Hz / 1x 4K×2K@120Hz or 8K×4K@30Hz
- Hot-swappable input and output cards, with online status monitoring of all cards
- Auto decryption of HDCP-encrypted sources; decimal frame rates supported
- HDR10 and HLG processing

Multi-screen management for centralized control

- Independent output resolution for each screen
- Output mosaic with frame-synchronization technology
 - All output connectors output the image synchronously – complete and smooth, without stutter, frame loss, tearing or piecing.
- Irregular rectangle mosaic without limitation; input source grouping management
- Eye-saver mode and LCD bezel compensation
- Centralized preset-group management
 - Preset group management, freezing, FTB, screen locking and brightness adjustment.
 - One-click preset-group loading with synchronous, lag-free switching across multiple screens.

Diverse display possibilities for flexible configuration

- Multi-layer display
 - A single card supports up to 16x 2K, 8x DL, 4x 4K or 2x 8K layers.
 - All layers support cross-connector output, and the layer quantity is not reduced for cross-connector output.
- Versatile OSD options
 - Static text, dynamic text, time and weather OSD; customizable content, scrolling direction, speed and font.
 - Independent OSD settings per screen and adjustable OSD transparency.
- Up to 2,000 presets
 - Fade effect and seamless switching, with preset switching in under 60 ms.
 - Scheduled playback of a preset playlist.
- BKG images that do not occupy layer resources; channel logo management; input source cropping and renaming
- HDR and 10-bit video processing for a more exquisite, clearer image
- Output color adjustment (brightness, contrast, saturation, hue and Gamma); XR scenario control
- 3D function with the Starview 3D emitter
- Low latency – down to 1 frame from the input source to the receiving card

Web-based control, easy and convenient

- B/S architecture
 - Cross-platform, cross-system access and control without installing any application program.
 - Multi-user online collaboration with a fast web-page response speed.
 - Online firmware update on a PC.

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

Copyright © 2026 STARVIEW ASIA. All rights reserved.
Australia Headquarters: Level 40, 140 William Street, Melbourne VIC 3000, Australia

Technical Specifications		SVA-VDPRO-CHASIS-2U	SVA-VDPRO-CHASIS-5U	SVA-VDPRO-CHASIS-9U	SVA-VDPRO-CHASIS-15U	SVA-VDPRO-CHASIS-20U
Configuration	Chassis variant	Standard	Standard	Standard / Enhanced	Standard / Enhanced	Standard
	Rack unit	2U	5U	9U	15U	20U
	Max. input cards	4	10	15	30	40
	Max. input channels	16	40	60	120	160
	Max. output cards	2	3	5 / 10	10 / 16	20
	Max. output channels	8	12	20 / 40	40 / 64	80
	Max. layers	32	48	80 / 160	160	320
Loading Capacity	Max. loading capacity*	26M px	39M px	65M px	130M / 208M px	260M px
Electrical	Power connector	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz	100-240V~, 50/60Hz
	Power supply	1	1 (redundant optional)	1 (redundant optional)	2 (redundant optional)	3 (1 redundant optional)
	Power consumption	210 W	400 W	450 W	900 W	1800 W
Operating Environment	Temperature	0°C to 45°C	0°C to 45°C	0°C to 45°C	0°C to 45°C	0°C to 45°C
	Humidity	0-80% RH, non-condensing	0-80% RH, non-condensing	0-80% RH, non-condensing	0-80% RH, non-condensing	0-80% RH, non-condensing
Storage Environment	Temperature	-10°C to +60°C	-10°C to +60°C	-10°C to +60°C	-10°C to +60°C	-10°C to +60°C
	Humidity	0-95% RH, non-condensing	0-95% RH, non-condensing	0-95% RH, non-condensing	0-95% RH, non-condensing	0-95% RH, non-condensing
Physical	Dimensions (W×D×H, mm)	482.6×529.8×88.1	482.6×532.8×228.2	482.6×533.0×405.8	482.6×533.0×683.0	482.6×533.0×905.2
	Net weight (chassis)	11 kg	17 kg	27.2 kg	41.1 kg	47.7 kg
	Gross weight (chassis)	12.2 kg	21.3 kg	35.3 kg	53.4 kg	-
	Noise level (25°C)	< 45 dB(A)	< 45 dB(A)	< 45 dB(A)	45 dB(A)	45 dB(A)
	Packing box (mm)	660×570×210	780×615×345	780×680×590	775×675×845	775×675×1065
Accessories	In the box	1× Power cord (2U / 5U / 9U); 2× Power cords (15U); 3× Power cords (20U). All models also include 1× RJ45 Ethernet cable, 1× Grounding cable and 1× HDMI cable.				

* Max. loading capacity shown with the 20× RJ45 sending card (SVP-SendCard-J45-X20); higher capacities are available with fiber sending cards.

The 9U and 15U are also offered in an Enhanced version (higher output-card capacity), coded SVA-VDPRO-CHASIS-9U-EN and -15U-EN; two values in a cell = Standard / Enhanced.

- : not specified by the manufacturer.

I/O Cards & Modules	Product Name	Connectors & Key Specifications
Input Cards	SVP-InCar-HDMI-X4 – 4× HDMI input card	4× HDMI 1.3 (or 2× HDMI 1.4 dual-link). Max. 2048×1152@60Hz per HDMI 1.3 connector, 3840×1080@60Hz per HDMI 1.4 connector. 10-bit, embedded audio, 144Hz, HDCP 1.4. 9.3 W · 550 g · 193×247.12×21.15 mm
	SVP-InCar-HDMI2.0-X2 – 2× HDMI 2.0 input card	2× HDMI 2.0, max. 4096×2160@60Hz each (two 4K inputs simultaneously). 10-bit, embedded audio, 144Hz, HDCP 2.2. 9.6 W · 550 g · 193×247.12×21.15 mm
	SVP-InCar-DP1.2-X2 – 2× DP 1.2 input card	2× DP 1.2 (backward compatible with DP 1.1), max. 4096×2160@60Hz or 8192×1080@60Hz. Embedded audio, 144Hz, HDCP 2.2. 9.6 W · 550 g · 193×247.12×21.15 mm
Output Cards	SVP-Outcar-HDMI1.4-X4 – 4× HDMI output card	4× HDMI 1.4. Single-link max. 2048×1152@60Hz; dual-link max. 4096×2160@30Hz / 3840×1080@60Hz. 8/10-bit, 90° rotation and mirroring, 144Hz. 22.1 W · 500 g · 193×247.12×21.15 mm
	SVP-Outcar-HDMI2.0-X1 – 1× HDMI 2.0 output card	2× HDMI 2.0 (connector 2 copies connector 1). Max. 8192×1080@60Hz / 4096×2160@60Hz. 8/10-bit, 144Hz. 21 W · 500 g · 193×247.12×21.15 mm
LED Sending Cards	SVP-SendCard-J45-X20 – 20× RJ45 sending card	LED 4K sending card, loads up to 13,000,000 pixels. 20× Gigabit Ethernet outputs (650,000 px/port @8-bit), backup between ports, 144Hz. Occupies two slots. 40.1 W · 600 g · 193×247.12×41.25 mm
	SVP-SendCar-OPT-X4 – 4× fiber sending card	LED 4K sending card, loads up to 20,800,000 pixels. 4× 10G OPT ports; independent, copy and backup modes; SM up to 10 km / MM up to 300 m; 8/10-bit, 144Hz. 39 W · 500 g · 193×247.12×21.15 mm
Function & Power	SVP-AudioCar-2I2O – Audio input + output card	Single channel: 4× phoenix audio inputs + 4× outputs; dual channel: 2× + 2×. 48 kHz sampling, volume/mute/output-delay control. 6 W · 550 g · 193×247.12×21.15 mm
	SVP-PreVCar – Preview card	2× Gigabit RJ45 outputs for input/output monitoring + 1× HDMI 1.3 for a monitoring display. 19.5 W · 500 g · 193×247.12×21.15 mm
	SVP-Power800W – 800 W power supply module	Input 100-240V~, 50/60Hz, 10A-5A; max. 800 W. 185×73.5×39 mm

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

Copyright © 2026 STARVIEW ASIA. All rights reserved.
Australia Headquarters: Level 40, 140 William Street, Melbourne VIC 3000, Australia