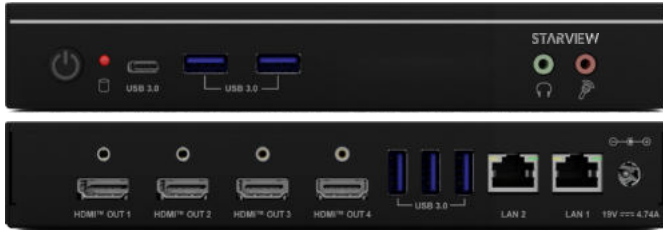


SA-RU102

DECODER



DESCRIPTION

Seamless, Scalable, Synchronized Video Walls

Starview SA-RU102 is a high-performance IP-based 4K distributed video wall appliance that enables you to combine multiple units to easily create a fully synchronized video wall of any size and rectangular arrangement. Starview SA-RU102 integrates advanced computing, networking, video decoding, and graphical processing capabilities to deliver seamless visual experiences with maximum security. Starview SA-RU102 video walls are flexible and scalable, enabling you to build fully distributed video walls with performance that improves as you add more appliances. Each Starview SA-RU102 appliance supports incredibly high-density and flexible decoding-up to one 8K60, four 4K60, eight 4K30, sixteen 1080p60 streams-all in H.265 (HEVC) or H.264 (AVC).

KEY FEATURES AND BENEFITS

• Perfect video synchronization

Drive up to 64 4K synchronized displays and eliminate tearing by synchronizing SA-RU102 appliances together using IP-based PTP framelocking.

• HEVC 4:4:4 codec

Get the full color (4:4:4) depth needed for maximum image quality, along with maximum equipment compatibility, and ensure low-bitrate transmission of high-quality content over IP.

• Simple and serverless

Lower deployment costs by reducing additional hardware, dedicated server, and cabling requirements. Starview SA-RU102 Decoder further simplifies your video wall deployment by eliminating the need for a separate server and the additional complexity and cost of running a server.

• Effortless installation

Quickly install and configure your video wall on any device from any location with the StarviewConfig complimentary web-based installation and configuration application.

• Advanced performance

Transport high-quality content with minimal bandwidth and achieve video-over-IP interoperability with a wide range of H.264- and H.265-compatible devices. The more Starview SA-RU102 Decoder appliances you add, the more performance scales.

• Control with confidence

Get up and running quickly using software you're familiar with. The Starview Network API (NetAPI) simplifies development by providing you with a single development for both traditional Starview-based video walls and the new distributed video walls. Also, easily create and manage your distributed video wall layouts offline or in real time using Starview SA-CU100 Controller.

• Long product lifecycle and dedicated support

Benefit from a product longevity of ten years and dedicated customer support. Your product carries a three-year warranty.

SIMPLE INSTALLATION

With the StarviewConfig web-based installation and configuration tools, you can quickly install and configure your video wall on any device from any location. Use StarviewConfig to:

- Automatically discover devices
- Set device-specific settings
- Configure your wall and bezels
- Check PTP status and configuration
- Customize the application



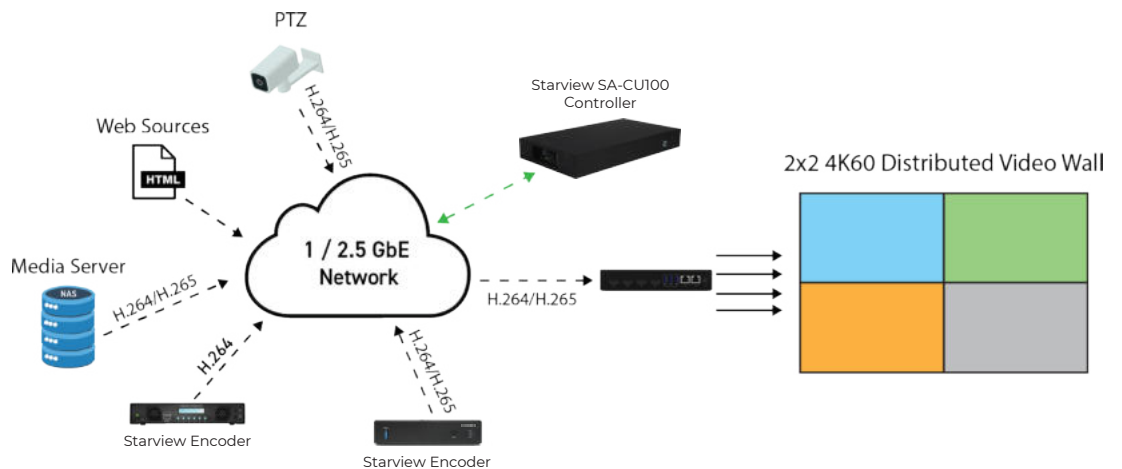
HIGH-QUALITY DESKTOP CONTENT WITH H.265 4:4:4 CODEC

Thanks to the H.265 4:4:4 codec, Starview SA-RU102 allows you to get the full color depth needed for maximum image quality and maximum equipment compatibility. H.265 4:4:4 ensures low-bitrate transmission of high-quality content over IP critical for applications that require color accuracy, compression efficiency, and high performance.

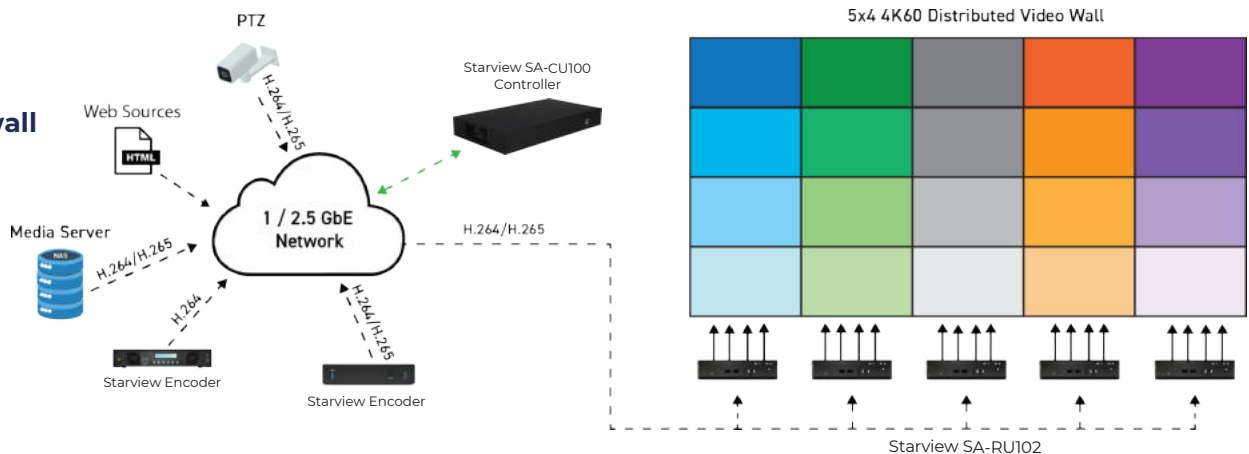
PERFECTLY SEAMLESS, SCALABLE VIDEO WALLS

Display perfectly synchronized streams from a range of sources, including PTZ cameras, encoders, media servers, and web. Starview distributed video walls are flexible and scalable, enabling you to build the video wall you need with up to 64 4K outputs.

Small video wall



Large video wall



For technical or sales support, please visit:
www.starviewint.asia

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

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Australia Headquarters: Level 40, 140 Williams Street, Melbourne VIC 3000, Australia

Technical specifications**SA-RU102 DECODER**

Product	Cooling	Low-noise dual ball bearing fan
	Connectors	Four HDMI outputs with locking mechanism, 2.5 and 1GbE RJ45 ethernet
	Maximum output resolutions	Max. 4096x2160 @ 60Hz
	Form factor	Standalone appliance, 1U, ½ rack (horizontal)
Network Interface	Standard	Ethernet 10/100/1000/2.5G base-T, auto-detect, half/full-duplex
	Connector	RJ45
	IP version	IPv4/IPv6
	Distributed method	Unicast, multicast and multiple unicast
Streaming & Control Protocols	IP addressing	DHCP (default) and Static IP
	Streaming protocols	RTSP, SRT
Color Space	Command & control protocols	Telnet and HTTPS
	Pixel formats	RGB: 8:8:8, 10:10:10 ¹ (24/32 bits per pixel), YUV: 4:4:4, 4:2:0 (8/10 ¹ bits per component), color space conversion support
Video & Audio Processing	Video compositing	Multi-channel video composite/key/blend/crop/mirror/flip
	Audio	Future software feature
Video Decoding	Codec engine	H.264/MPEG-4 Part 10 (AVC), up to level 5.2 H.265 (HEVC), up to level 6.2
	H.264 and H.265 decode	For both H.264 and H.265: 1x 8K60, 2x 8K30, 4x 4K60, 8x 4K30, 16x 1080p60
	Rate control	Constant bitrate (CBR), variable bitrate (VBR), VBR with constraints, configurable GOP (group of pictures) structure
Environmental & Power Conditions	Operating conditions	Temperature: 0 to 50 degrees Celsius Humidity: 10% to 90% non-condensing
	Storage conditions	Temperature: -20 to 70 degrees Celsius Humidity: 10% to 90% non-condensing
	Typical power consumption	45W (12-19V)
	Power supply	19V, 90 Watt PSU with locking mechanism
General Specifications	Runtime	24/7
	Dimensions	L: 19cm (7.48in) x W: 14.8cm (5.83in) x H: 3cm (1.18in)
	Rackmount	Vesamount bracket included, rackmount compatible
	Regulatory compliance ¹	Class A: FCC, CE
	Environment compliance ²	EU RoHS
	Warranty	3 years

^{1,2} The listed certifications are issued for markets in different regions. For the current status of the listed certifications in your region, please contact an authorized Starview representative.

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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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