Q-SYS VSA-100

VisionSuite AI Accelerator

KEY FEATURES

- Enables advanced speaker and presenter capabilities for VisionSuite
- Integrates with Q-SYS using an Ethernet connection and without affecting the video signal chain
- Design, configure, calibrate, and commission all through VisionSuite Designer, an easy-to-use, native Q-SYS tool
- Supported by Q-SYS NC Series network PTZ cameras
- 1 RU form factor

Q-SYS VSA-100

VisionSuite AI Accelerator

Q-SYS VisionSuite enhances high-impact space experiences with AI-driven automation, optimizing remote attendee visibility, speaker framing, and presenter tracking while simplifying system operations.

The VSA-100 is an AI accelerator that combines computer vision-based scene analysis with Q-SYS dynamic audio-based camera switching and framing to deliver best-in-class presenter tracking and Active Speaker Framing. The result is a more natural and inclusive experience for in-room and remote participants alike. In addition, this pairing lets you take further advantage of the Q-SYS control engine to create richer experiences with holistic room automation for each unique space.

PRESENTER SPOTLIGHT: CAPTURE EVERY MOMENT

Full-Body Presenter Tracking, part of the VisionSuite Presenter Spotlight technology solution, uses computer vision to follow the presenter, ensuring they are perfectly framed even if they move or don't face the camera. It also allows for customization such as alternate framing modes, fallback shots and trigger zones, which can be used to automatically trigger tracking, change shot types, and switch cameras.

SPEAKER SPOTLIGHT: DELIVER AN ENGAGING EXPERIENCE

Active Speaker Framing, part of the VisionSuite Speaker Spotlight technology solution, enlists the in-room microphones and Q-SYS network cameras to determine the talker's relative position and automatically toggle between cameras to frame the active speaker for remote attendees.

FULL ROOM AUTOMATION: VISION-DRIVEN AND EFFORT-SAVING

Vision driven automations, including lighting adjustments, dynamic displays, and triggered sounds, are activated by walking to a specific section of the room. With its integrated Control engine, Q-SYS leverages computer vision analysis and trigger zones to automate other in-room devices and events that encompass the entire space.

VISIONSUITE DESIGNER: DESIGN, CALIBRATE, AND COMMISSION

The VisionSuite AI Accelerator is a native Q-SYS peripheral built for intensive AI applications and is integrated with VisionSuite Designer (VSD) software. VSD is a graphical-based tool that enables users to efficiently design, calibrate, and commission VisionSuite solutions by creating automations directly atop a room's floorplan.

FLEXIBLE CAMERA OPTIONS

The VSA-100 integrates with Q-SYS NC Series cameras. Deploy the NC-12×80 or NC-20×60 for Presenter Spotlight or Speaker Spotlight use cases. For wide-angle or overview shots, choose the NC-110 (ePTZ).

Q-SYS VSA-100

Q-SYS CAPACITIES	
Supported Q-SYS cameras	**Presenter Spotlight:** NC-12×80 / NC-20×60 **Speaker Spotlight:** NC-12×80 / NC-20×60 / NC-110 **Static view:** Any Q-SYS Camera (Does not require a channel of analytics)
Max number of Q-SYS cameras	16 (2 Presenter Spotlight/room automation cameras + 14 Speaker Spotlight cameras)
HARDWARE	
Power supply	500 W
Product dimensions (L x W x H)	18.11 × 17.24 × 1.73 in (460 × 438 × 44 mm)
Storage temperature range	40°C to +85°C (-40°F to 185°F)
Storage humidity range	10% to 95% @ 40° C
Operating temperature range	0° C to 40° C (32° F to 104° F)
Operating humidity range	10% to 95% @ 40° C
POWER CONSUMPTION	
System idle	225 W max (~220 W average)
Full load	289 W max
THERMAL DISSIPATION	
System idle	767 BTU/hr max
Full load	986 BTU/hr max
MISCELLANEOUS	
Regulatory	FCC 47 CFR Part 15 Subpart B, Canada ICES-003, EN 55032, EN 55035, EU RoHS directive 2011/65/EU, WEEE directive 2012/19/EU, REACH, China RoHS GB/T26572, RCM, IEC/EN/UL 62368-1

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12 May 2025