

IV-SAM-VXS-1B

1 Beyond Automate™ VX Voice-Activated, Multi-Camera Switching Solution



- Automatic camera switching based on the active speaker
- Supports up to 12 Cameras for multi-camera video with broadcast-style cuts
- Intelligent video algorithm follows the conversation enabling smooth transitions between participants
- NDI® Compatible (IP video over the network)
- Three HD-SDI Inputs

The IV-SAM-VXS-1B Automate™ VX is a voice-activated camera switching solution that brings the full multi-camera studio experience to meetings, town halls, and classrooms. Camera switching and movement is done automatically based on the active speaking participant. Automate VX comes with built-in recording and streaming capability along with the outputs for video conferencing.

Professional Services

The 1 Beyond Automate system requires the purchase of 1 Beyond Camera Systems Remote Professional Services.

An Equipment Proposal issued by the Crestron Sales Support Services team is required before placing an order for IV-SAM-VXS-1B. All orders must reference the Equipment Proposal number and include the complete camera system outlined in the Equipment Proposal, including Professional Services.

NOTE: The Equipment Proposal will include the required 1 Beyond cameras, Automate VX system, and 1 Beyond Camera Systems Remote Professional Services. It will also identify third-party equipment, such as microphones, which are necessary to complete the system and must be purchased separately from the applicable manufacturer, based upon the information provided regarding room size, furniture layout, and design specifics.

Visit [IV-PROSERVICE-1B](#) for more details.

Improved Video for Meetings

See who is speaking with close-up camera shots. Clean production-style camera switching provides a more engaging experience for remote participants or viewers.

Voice-Activated Switching

Hands-free operation uses room microphones to switch cameras to focus on the active speaking participant. Integrates with Shure®, Biamp® and Q-Sys® DSPs.

Adapts to Room Sizes and Uses

Supports up to 12 cameras, including 1 Beyond tracking and NDI compatible cameras. Save presets for rooms that are divisible or have different furniture layouts.

Graphics, Titles, and Layouts

Combine multiple sources, superimpose titles and add custom graphics. A graphical user interface allows for custom layouts, not just picture in picture or side by side.

Browser or Third-Party Control

Enable auto-switching, record/stream, and change room configurations or layouts from most phones, tablets or browsers. API for Crestron® or Zoom Rooms™ Control.

Conference, Stream, and/or Record

In addition to high quality output for hard or soft codecs, the system has a built-in encoder and recorder to enable multiple live streams and over 100 hours of recording.

Specifications

Automate VX Capabilities

Titles, Graphics, Layouts	Titles, logos, backgrounds can be added, Easy-to-use graphic designer to create any multi-source layout
Program Record	MP4 file (H.264 codec). User-selectable bitrate up to 10 Mbps
ISO Record	MJPEG MOV (30 - 200 Mbps) Individually selectable
Recording Capacity	Records to internal 500GB SSD storage
Streaming Encoder	Can stream to any RTMP server. Presets included for popular CDNs
NDI Support	For inputs and program output
Camera Control	Can control 1 Beyond PTZ cameras and tracking cameras (AutoTracker and AutoFramer) over IP
System Control	RESTful API over Network (TCP) for third party control
Compatible Codecs	Output via HD-SDI (SDI to HDMI® converter included) for connection to external conferencing codec or via USB adapter to external systems running Microsoft Teams® software, Zoom Rooms™ software, etc.
Configuration	Browser-based configuration with secure log-in and user administration

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Connectivity

Network Ports 2x RJ-45 Gigabit Ethernet

Video

Video Inputs 3x HD-SDI Inputs

Video Output Up to 1080p60, 1x HD-SDI (SDI to HDMI® converter included); NDI|HX

Desktop Output 4x DisplayPort™ output

Audio

Audio Input 3.5 mm Line In, USB, Dante® input

Compatible Mic Systems For a list of compatible mic systems, refer to [OLH Article 1001562](#).

Compatible DSPs For a list of compatible DSPs, refer to [OLH Article 1001563](#).

Power

Power 400 W, 100-240VAC

Dimensions

Height 3.5 in. (89 mm)

Width 16.75 in. (425 mm)

Depth 14.5 in. (368 mm)

Weight

14 lb (6.35 kg)

Included Accessories

Wi-Fi® Antenna

Chassis Feet

DisplayPort to HDMI Female adapter

SDI to HDMI Converter

20 in. Rails

Power Cord

Available Accessories

For a list of available accessories, visit the [IV-SAM-VXS-1B](#) product page.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or contact us for additional information by visiting <https://www.crestron.com/contact/our-locations> for your local contact.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

The specific patents that cover Crestron products are listed online at patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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