

# IV-SAM-VXP-1B

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



- *Automatic camera switching based on the active speaking participant*
- *Switches between multiple cameras for broadcast-style production*
- *Supports 7 SDI and 5 NDI sources; outputs SDI and NDI streams*
- *Intelligent video algorithm follows the conversation, avoiding excessive camera switching*
- *Easy configuration with the browser-based Intelligent Video Room Designer tool*

The IV-SAM-VXP-1B Automate VX Pro is a voice-activated camera-switching solution that brings the full multi-camera studio experience to meetings, town halls, and classrooms. Automatic camera switching and movement tracks the location of the active-speaking participant. Automate VX Pro provides built-in recording and streaming capability along with outputs for video conferencing.

### Professional Services

The 1 Beyond Automate system requires the purchase of [1 Beyond Camera Systems Remote Professional Services](#). Remote Professional Services provides dedicated technical support for the remote deployment of Automate VX Voice-Activated Multi-Camera Switching Solutions.

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

**NOTE:** For Crestron Intelligent Video Certified Engineers (IVC-E) planning to self-deploy and self-validate a purchased Automate VX system, the purchase of Remote Professional Services is optional, subject to verification by Crestron. Visit [IV-PROSERVICE-1B](#) for 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

The hands-free operation uses data from the room microphones to locate the active-speaking participant. Camera switching is determined by the microphone type used.

### Adapts to Room Sizes and Uses

Cameras can be located throughout the room for the best camera angles. Room configurations can be preset to accommodate different furniture layouts with a single button push.

### 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.

### RESTful API for Crestron® and Third-Party Control

Enable auto-switching, record and stream, and change room configurations or layouts using a Crestron® control module. An adaptable API is available for customizable user interfaces on third-party control systems.

### 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.

### Room Designer Web Interface

The [Intelligent Video Room Designer](#) tool provides the ability to design and configure meeting spaces. The browser interface is used to help choose the best position for a variety of cameras and microphones within a room.

## Specifications

### Automate VX Pro Capabilities

<b>Titles, Graphics, Layouts</b>	Titles, logos, backgrounds can be added, Easy-to-use graphic designer to create any multi-source layout
<b>Program Record</b>	MP4 file (H.264 codec). User-selectable bitrate up to 10 Mbps
<b>Recording Capacity</b>	Records to internal 1 TB SSD storage
<b>Streaming Encoder</b>	Can stream to any RTMP server. Presets included for popular CDNs
<b>NDI Support</b>	For inputs and program output
<b>Camera Control</b>	Can control Crestron 1 Beyond PTZ cameras and tracking cameras over IP. For a complete list of compatible cameras, refer to <a href="#">Automate VX: Compatible Cameras</a> .
<b>System Control</b>	RESTful API over Network (TCP) for third party control

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<b>Compatible Codecs</b>	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.
<b>Configuration</b>	Browser-based configuration with secure log-in and user administration. Customizable preset options for sleep, wake, and scenario actions

### Connectivity

<b>Network Ports</b>	2x RJ-45 Gigabit Ethernet
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### Video

<b>Video Inputs</b>	7x HD-SDI Inputs 5x NDI Inputs 1x USB Type-A Input
<b>Video Output</b>	Up to 1080p60, 1x HD-SDI (SDI to HDMI® converter included); NDI® HX and virtual webcam output
<b>Desktop Output</b>	4x Mini DisplayPort™ output for setup and maintenance

### Audio

<b>Audio Input</b>	3.5 mm Line In, USB, Dante® input
<b>Compatible Mic Systems</b>	For a list of compatible mic systems, refer to <a href="#">OLH Article 1001562</a> .
<b>Compatible DSPs</b>	For a list of compatible DSPs, refer to <a href="#">OLH Article 1001563</a> .

### Power

<b>Power</b>	400 W, 100–240VAC
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### Dimensions

<b>Height</b>	3.5 in. (89 mm)
<b>Width</b>	16.75 in. (425 mm)
<b>Depth</b>	14.5 in. (368 mm)

### Weight

14 lb (6.35 kg)

## Available Accessories

For a list of available accessories, visit the [IV-SAM-VXP-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](http://www.crestron.com/How-To-Buy/Find-a-Representative) or contact us for additional information by visiting [www.crestron.com/contact/our-locations](http://www.crestron.com/contact/our-locations) for your local contact.

The original language version of this document is U.S. English. All other languages are a translation of the original document.

The product warranty can be found at [www.crestron.com/warranty](http://www.crestron.com/warranty).

The specific patents that cover Crestron products are listed online at [www.crestron.com/legal/patents](http://www.crestron.com/legal/patents).

Certain Crestron products contain open source software. For specific information, please visit [www.crestron.com/opensource](http://www.crestron.com/opensource).

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## HDMI

Specifications are subject to change without notice.

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