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Automated Voice Tracking Solutions for Conferencing



2025



Voice Tracking Control

NEW VoiceTRX100



The VoiceTRX100 is a voice-activated camera switching and camera movement solution that provides an automated production for conferences, meetings, town halls, and classrooms. Camera switching and movement is done automatically based on the location of the active speaking participant. The VoiceTRX100 supports ceiling and conferencing microphones from Shure, Sennheiser, and Audio-Technica.

Market Analysis Diagrams

Editable PowerPoint Charts & Icons



VoiceTRX100 Features & Benefits

What makes our solution unique

Benefits:

- Creates engaging online experience with close-up shots of active speakers.
 - Fully automates switching and camera movements without operator.
 - Easy to configure and deploy without complicated programming or commissioning.
 - Unique ROI (region of interest) switching option for instant switching to active speakers ideal for panel discussions, board meetings and city council.
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Features:

- Provides clean switching so you don't see cameras move into position creating an experience.
- Easy to configure and program using simple mode programming. Also provides advanced mode programming with boolean logic for more advanced room configurations.
- Advanced windowing such as side-by-side, picture-in-picture, and picture-out-picture shows active speaker and presentation materials at the same time. (iCAST 10NDI only)
- Character generator (CG) function identifies active speakers in the room for far end experience and recording purposes. (iCAST 10NDI only)
- Supports a variety of popular conferencing microphones and ceiling arrays from Audio Technica, Shure, & Sennheiser.

Live Positional Data from Microphone Systems



SHURE



SHURE



SENNHEISER



audio-technica.

VoiceTRX100

Voice Tracking Control Device

Ethernet Switch



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KMU-100+



4K Multicamera Processor

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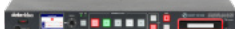
Datavideo PTZ Camera



4K PTZ Auto Tracking Cameras

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iCAST 10NDI



Hybrid Events Switcher

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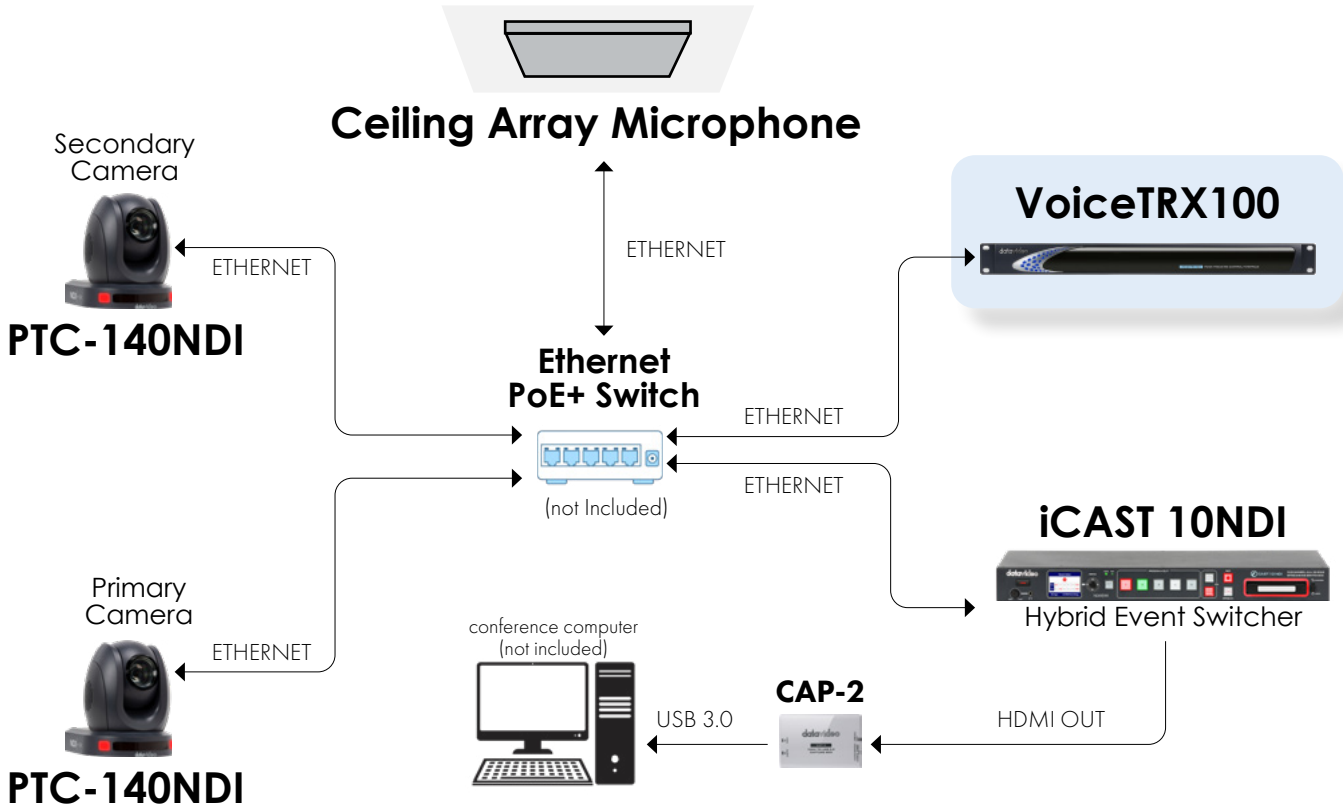
Production Switcher



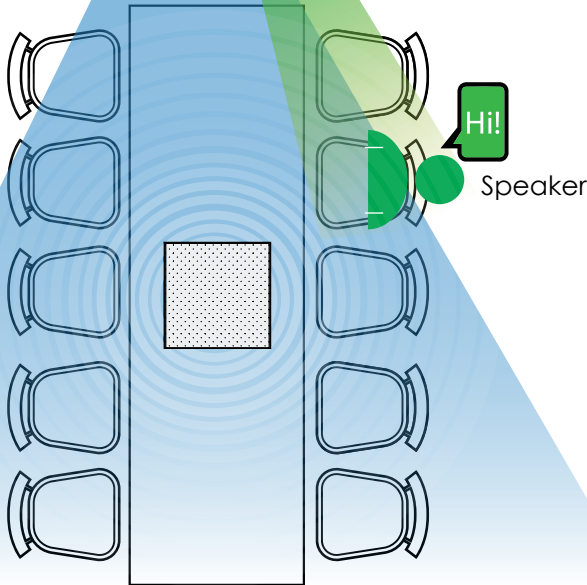
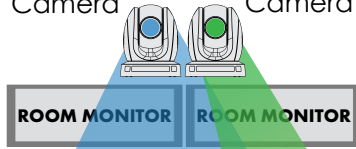
SE-2600MU, SE-3200MU & SE-4000MU

**CONTROL
COMMANDS**

Two Camera Medium Conference



Primary Camera Secondary Camera



Datavideo products included in the workflow:

- **VoiceTRX100**
Voice Tracking Control Interface
- **PTC-140NDI**
(2) 20x PTZ Camera
- **iCAST 10NDI**
Hybrid Event Switcher
- **CAP-2**
HDMI to USB 3.0 Capture Box

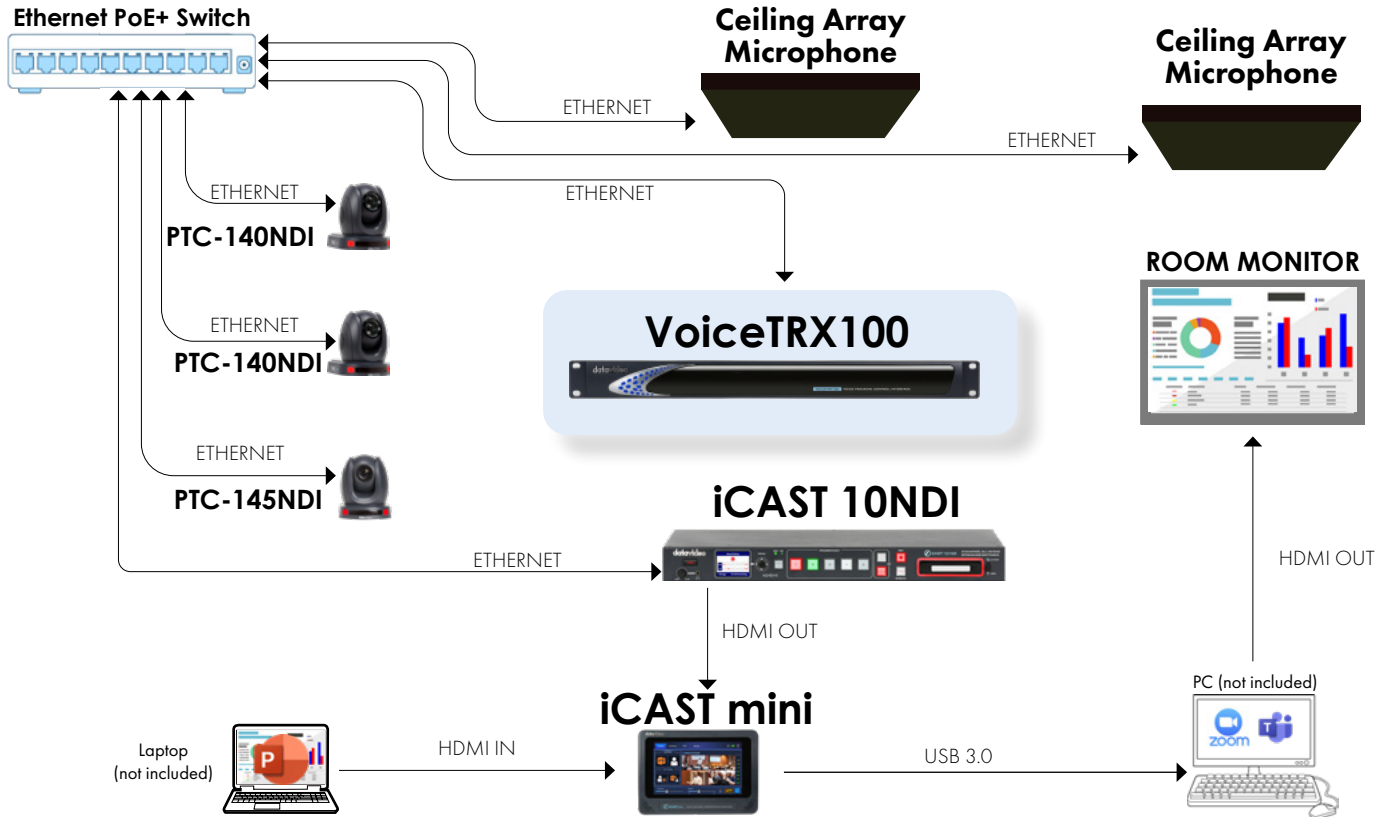
CLICK LINK FOR EXAMPLE

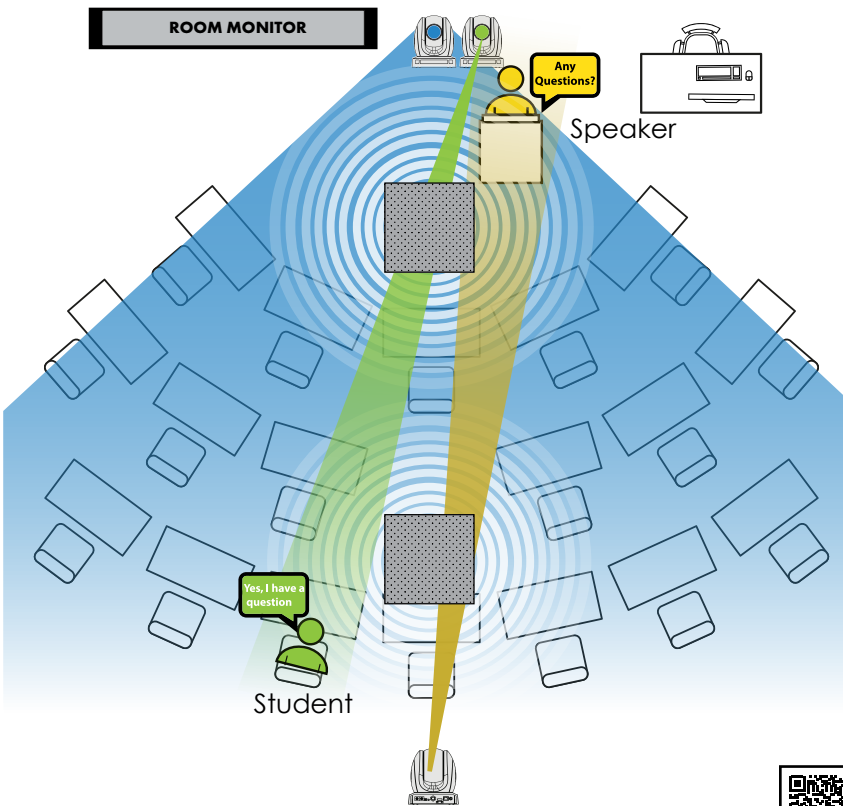


<https://dealers.datavideo.com/wp-content/uploads/2025/01/huddle-conference-room.gif>

SKU# VTX-KIT A

Classroom with Auto Tracking





CLICK LINK FOR EXAMPLE



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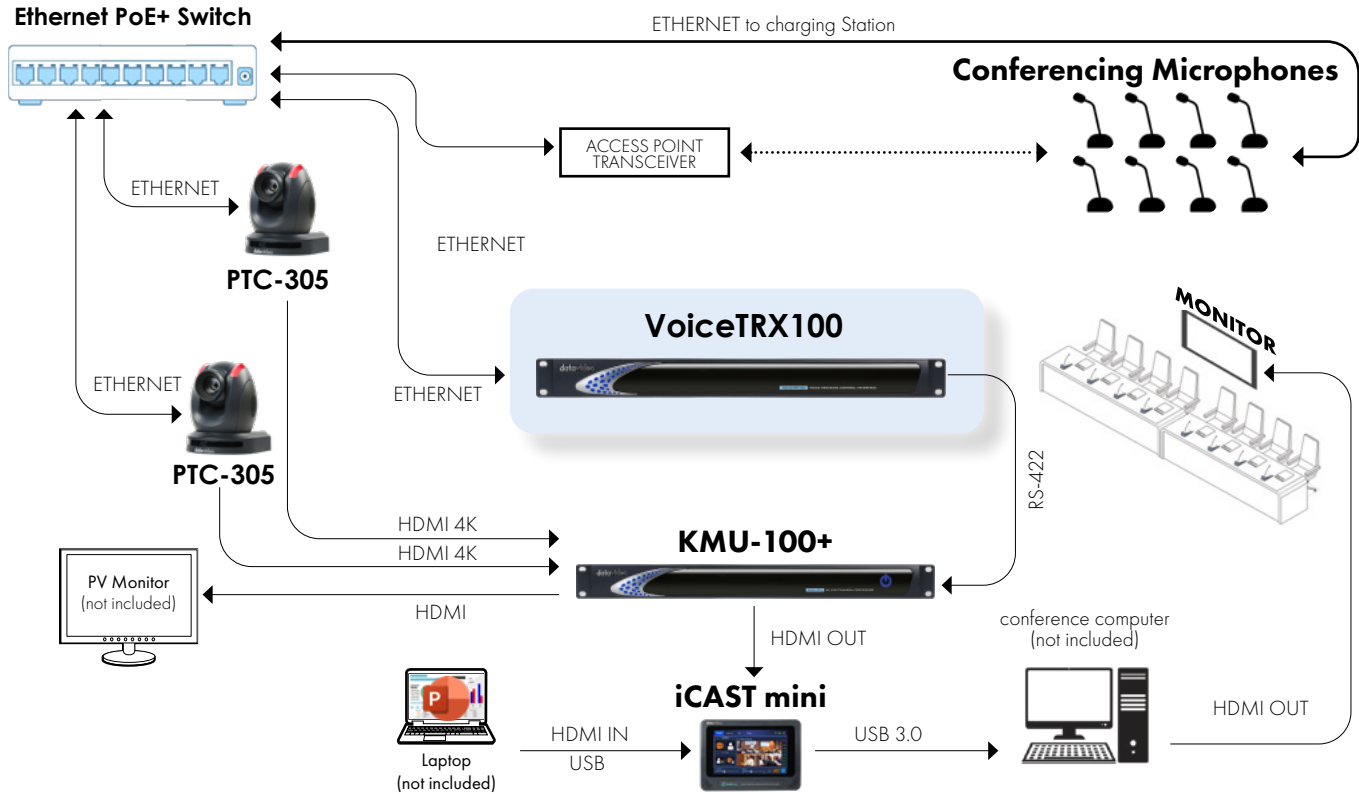


Datavideo products included in the workflow:

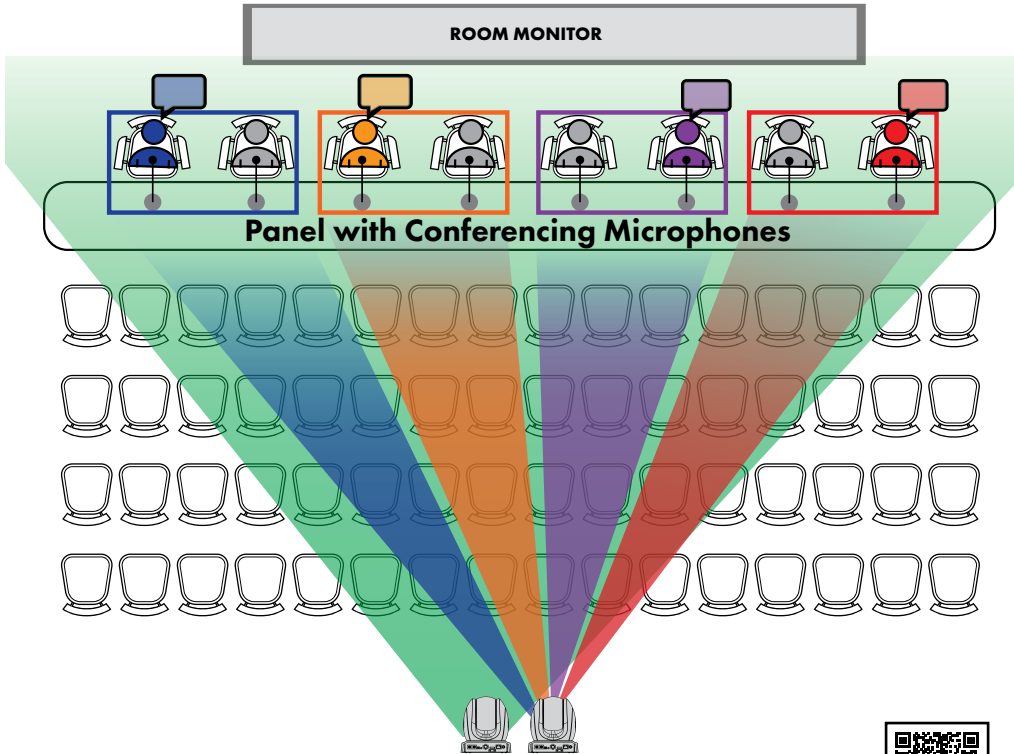
- **VoiceTRX100**
Voice Tracking Control Interface
- **PTC-145NDI**
(1) 20x HD Auto Tracking PTZ Camera
- **PTC-140NDI**
(2) 20x PTZ Camera
- **iCAST 10NDI**
Hybrid Event Switcher
- **iCAST mini**
Presentation Switcher

SKU# VTX-KIT B

Government / Panel Discussion



4K Cameras With Region Of Interest (ROI)



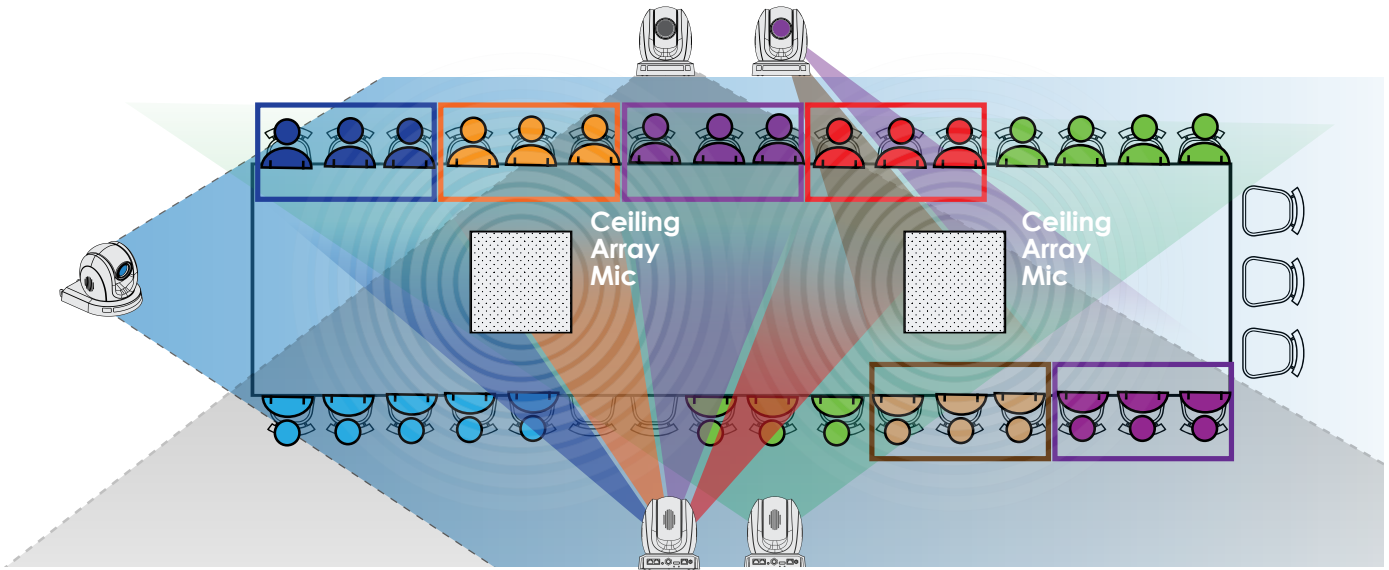
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Datavideo products included in the workflow:

- **VoiceTRX100**
Voice Tracking Control Interface
- **PTC-305**
(2) 4K Tracking PTZ Camera
- **KMU-100+**
4K Multicamera Processor
- **iCAST mini**
Presentation Switcher

SKU# VTX-KIT C



Datavideo products included in the workflow:

- **VoiceTRX100**
Voice Tracking Control Interface
- **SE-2600MU**
Production Switcher
- **PTC-145NDI**
(5) 20x HD Auto Tracking PTZ Camera
- **iCAST mini**
Presentation Switcher
- **DAC-8PA** SDI to HDMI Converter

SKU# VTX-KIT D

CLICK LINK FOR EXAMPLE

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Recommended PTZ Cameras

Datavideo's HD & 4K PTZ Cameras

The VoiceTRX100 supports Datavideo's vast range of professional video switchers and cameras. Optical zoom is preferred over digital because it uses the lens to magnify the subject you're shooting whereas, digital zoom crops the image instead of using a lens to magnify the subject.

PTC-140NDI



HD PTZ Camera

- 20x Optical Zoom
- Video Resolution up to 1080p
- PoE+
- NDI HX2

PTC-145NDI



HD Auto Tracking PTZ Camera

- 20x Optical Zoom
- Video Resolution up to 1080p
- PoE+
- NDI HX2

PTC-285



4K Auto Tracking PTZ Camera

- 12x Optical Zoom
- Video Resolution up to 4K60p
- PoE+
- NDI HX2

PTC-305



4K Auto Tracking PTZ Camera

- 20x Optical Zoom
- Video Resolution up to 4K60p
- PoE+
- NDI HX2

PTC-325



4K Auto Tracking PTZ Camera

- 30x Optical Zoom
- Video Resolution up to 4K60p
- PoE+
- NDI HX2

Supported Video Switchers

Datavideo's Production Switchers

SE-4000MU



4K 8-Channel Digital Video Switcher

The SE-4000MU is equipped with broadcast quality UHD 4K50/60 12GSDI and HDMI 2.0 video input ports.

SE-2600MU



HD 8-Channel Digital Video Switcher

The SE-2600MU switcher offers HD 1080p 4x 3G-SDI and 4x HDMI inputs, along with 6 outputs including 3x 3G-SDI and 3x HDMI.

SE-3200MU



HD 12-Channel Digital Video Switcher

The SE-3200MU is Datavideo's top of the line switcher with full HD 1080p 4x 3G-SDI and 4x HDMI inputs, along with 6 outputs including 3x 3G-SDI and 3x HDMI.

KMU-100+



4K Multi-Camera Processor

8 channel switcher to switch between cutouts and can view two 4K video channels at the same time on the multi-view monitor as well as other cropped 4K video images in smaller windows for easier video switching.

iCAST 10NDI



Hybrid Events Switcher

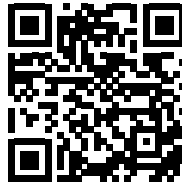
A hybrid event switcher designed for classroom, lecture capture, conferencing with all the I/O needed for producing, streaming, recording, and conferencing with Zoom, MS Teams, and other platforms.

Produce Engaging Online Meetings without a Production Team

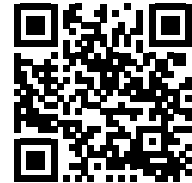
AVIXA RU Provider Online Courses to become an Authorized VoiceTRX100 Reseller. You can view a tutorial video for the VoiceTRX100 is available at Datavideo Academy to help you get the best performance out of the product. Please scan QR code.



<https://datavideoacademy.com/en/lesson/262>



<https://datavideoacademy.com/en/lesson/255>



<https://datavideoacademy.com/en/lesson/261>

Together with our technology partners Sennheiser, Shure, & Audio-Technica, Datavideo is bringing a complete audio and video control and switching solution to your conference rooms and huddle spaces. Trademarks, Logos and brands mentioned belong to their respective owners and are utilized solely for identification purposes.

Choose a Microphone Suited for your Application

Sennheiser

TeamConnect Ceiling Microphone, TCC 2,
TCC M Speechline, SL TABLESTAND 153-S DW
SL MCR 4 DW



Shure

MXA920, MXA-910, MXW8,
MXCW



Audio-Technica

ANTD1061



Recommended AV Bridge

SDI or HDMI Capture Boxes

CAP-1



SDI to USB 3.0 Capture Box

- 1080p60 video transmission over USB 3.0
- 1 x SDI video input
- 3G-SDI audio and video capture
- Connect to video conferencing
- Plug and play operations with video format (resolution and frame rate) auto-detection capability

CAP-2



HDMI to USB 3.0 Capture Box

- 1080p60 video transmission over USB 3.0
- 1 x HDMI video input
- HDMI 1.4 audio and video capture
- H.264 video recording format (software compression)
- Plug and play operations with video format (resolution and frame rate) auto-detection capability
- Connect to video conferencing

iCAST Mini



4K Dual Channel Presentation Switcher

- Presenter controls the presentation with touch panel
- Switch from computer presentation to camera on Touch screen
- Picture-in- Picture option with touch screen
- Activate auto tracking with a touch screen
- Connect to Zoom or Teams computer through USB output

VoiceTRX100 Specifications

Model Name	VoiceTRX100
Product Name	Voice Tracking Control Interface
Control	Web browser UI for configuration and control DVIP commands
Control Protocol	DVIP
Network Feature	1x RJ-45 Female (10/100/1000M Ethernet) DHCP/Static IP
POE	IEEE 802.3at
F/W Update	Automatic firmware upgrade
Power	Input AC 100~240V Switching Adaptor Output DC 12V / 1A
Video Output	2 x HDMI 2.0
Supported Video Output Resolution	3840x2160p: 30/29.97/25/24/23.98 (H.265 Only) 1080p: 30/29.97/25/24/23.98 1080i: 60/59.94/50, 720p: 60/59.94/50 576i 50 (PAL) 480i 60 (NTSC)
Supported Camera	All Datavideo PTZ Cameras
Supported Video Switchers	iCast 10NDI, KMU-100+
Supported Microphones	Shure MXW, MXW8, MXCW Shure MXA-910/920 Sennhesier TeamConnect Ceiling Microphone, TCC 2, TCC M Speechline Sennhesier SL Tablestand 153-S DW, SL TABLESTAND 153-S DW SL MCR 4 DW Audio-Technica ANTD1061

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