

datavideo



## Automated Voice Tracking Solutions for Conferencing

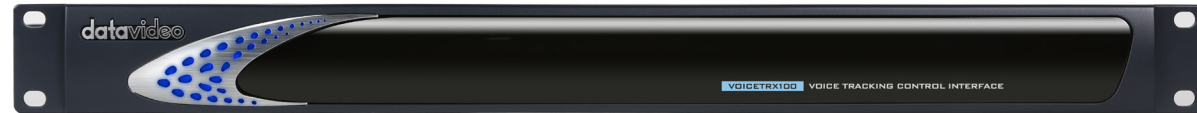


2025



# 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.





# VoiceTRX100 Features & Benefits

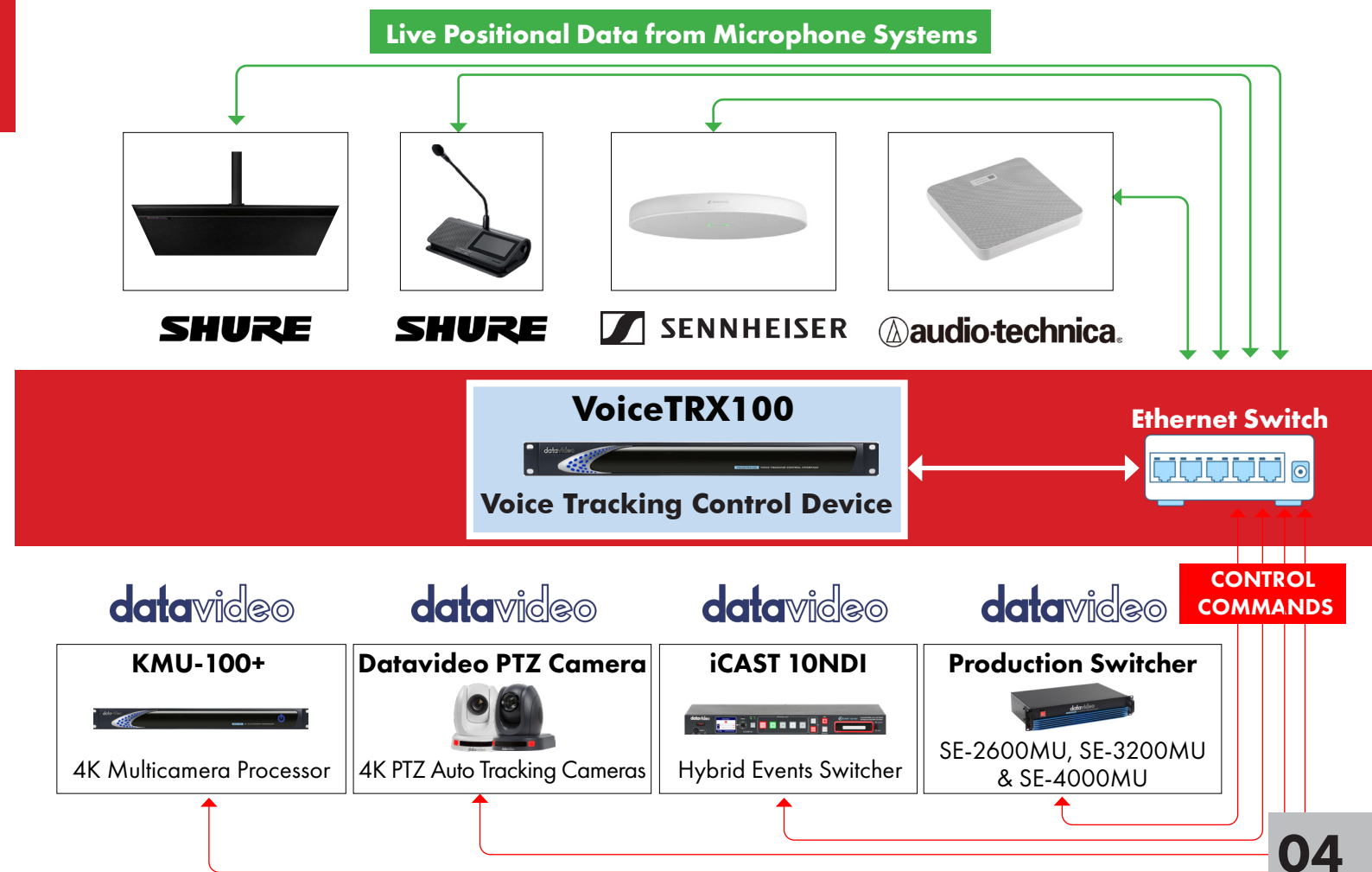
What makes our solution unique

## Benefits:

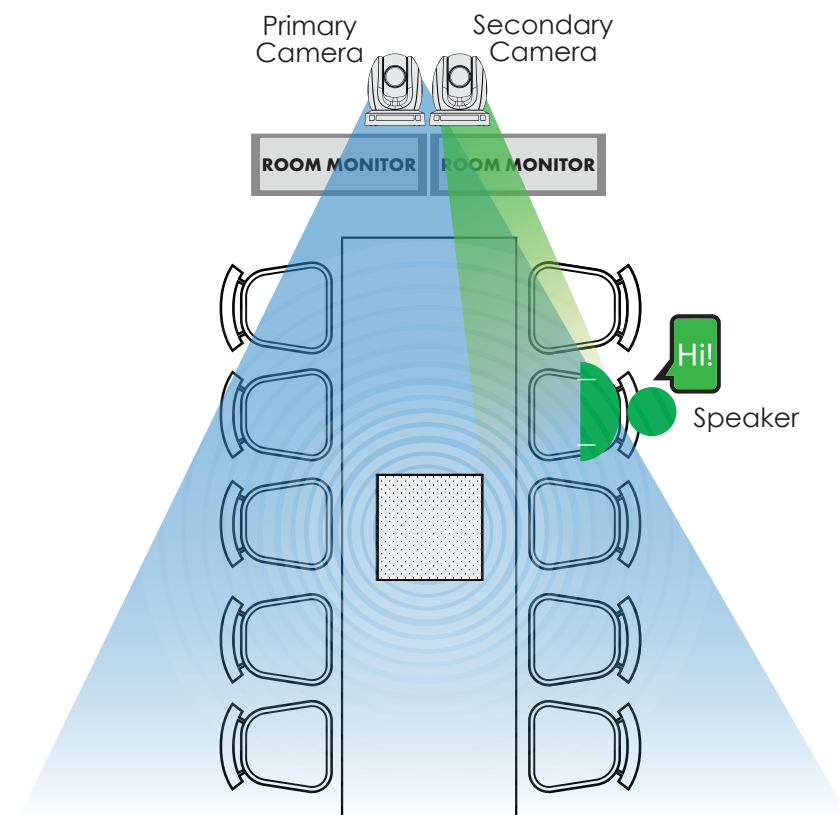
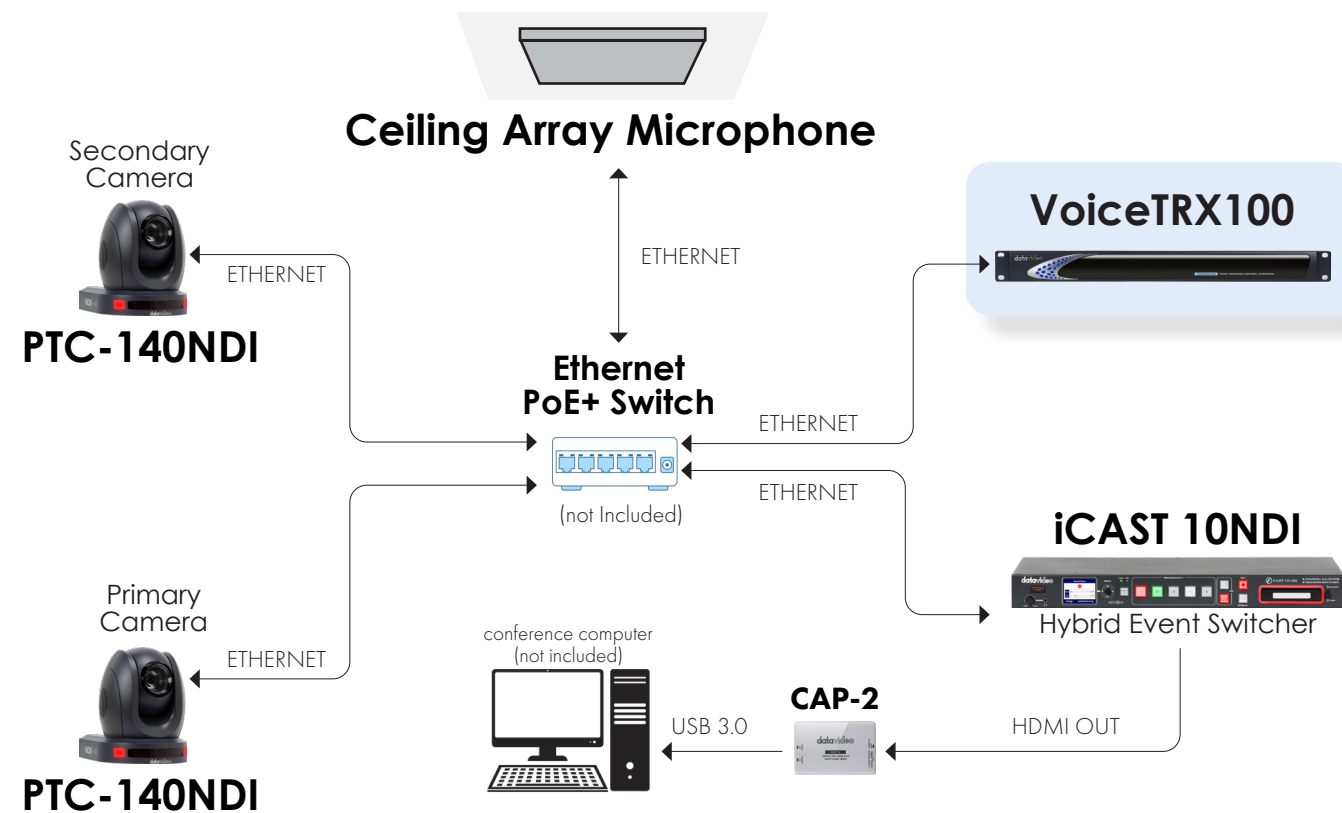
- Creates engaging online experience with close-up shots of active speakers.
- Fully automates switching and camera movements without operator.
- Easy to configure and deploy without complicated programming or commissioning.
- Unique ROI (region of interest) switching option for instant switching to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

## 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.



# Two Camera Medium Conference



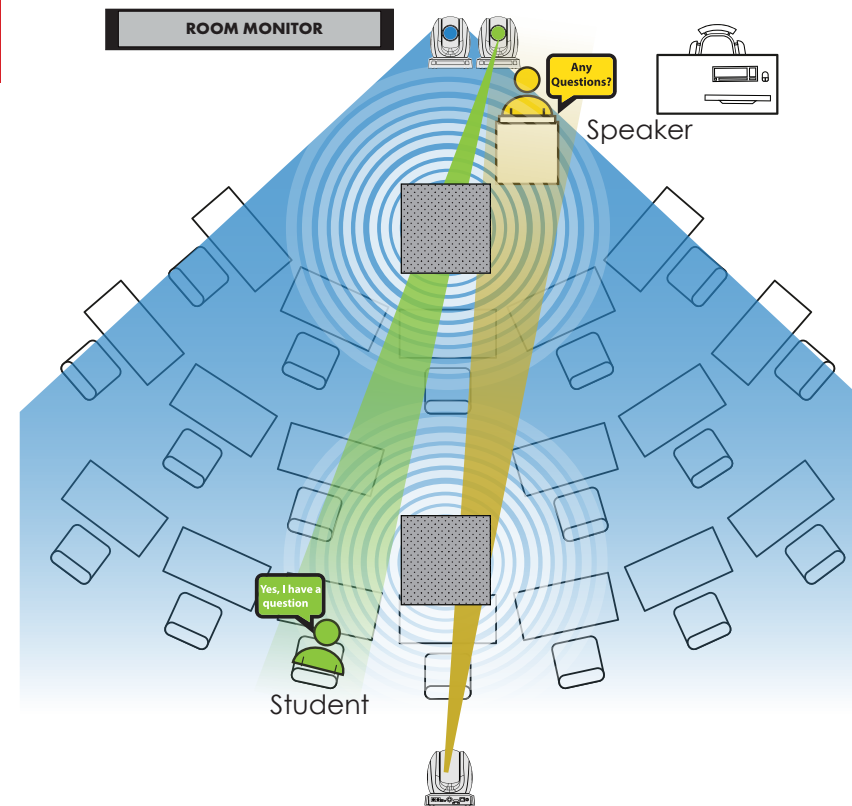
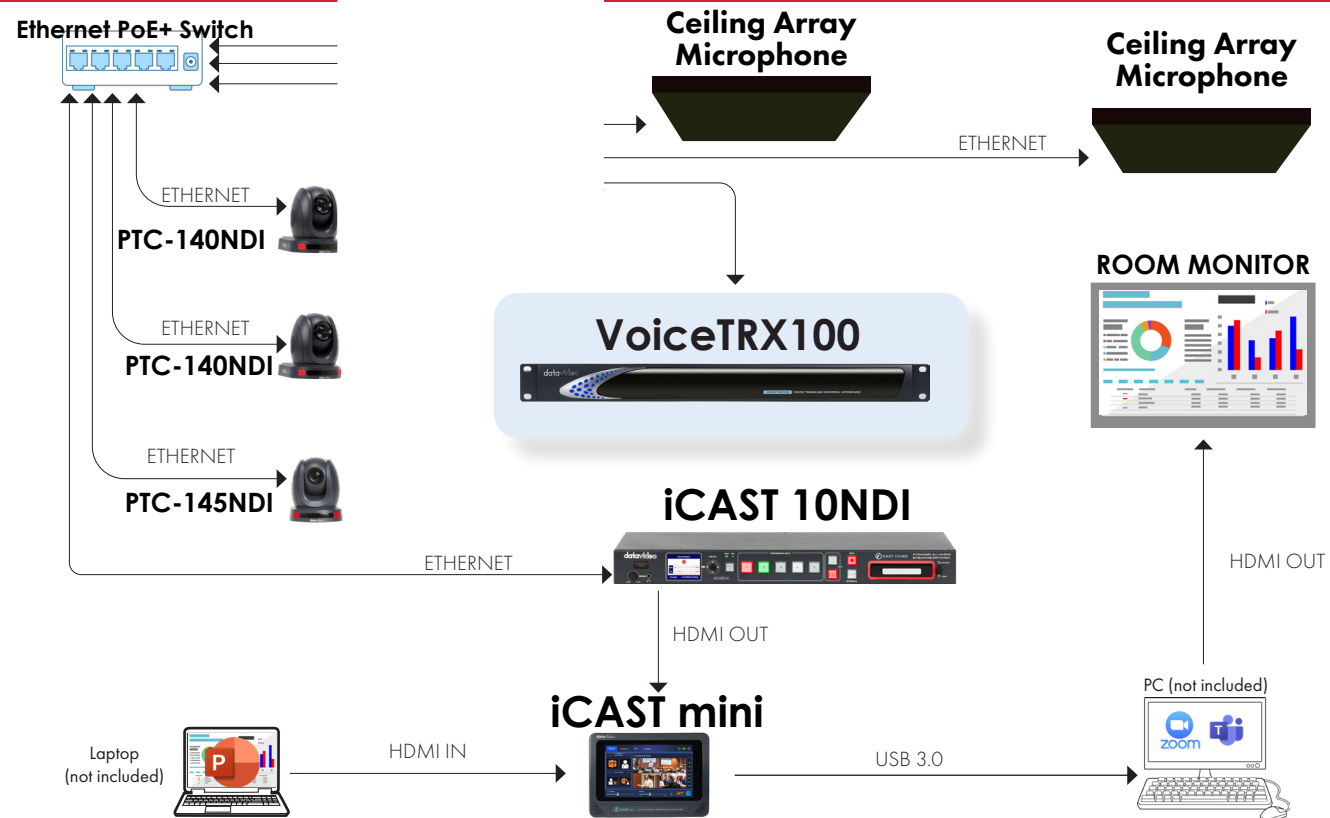
**Datavideo products included in the workflow:**

- **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

SCAN QR CODE FOR GIF EXAMPLE



# Classroom with Auto Tracking



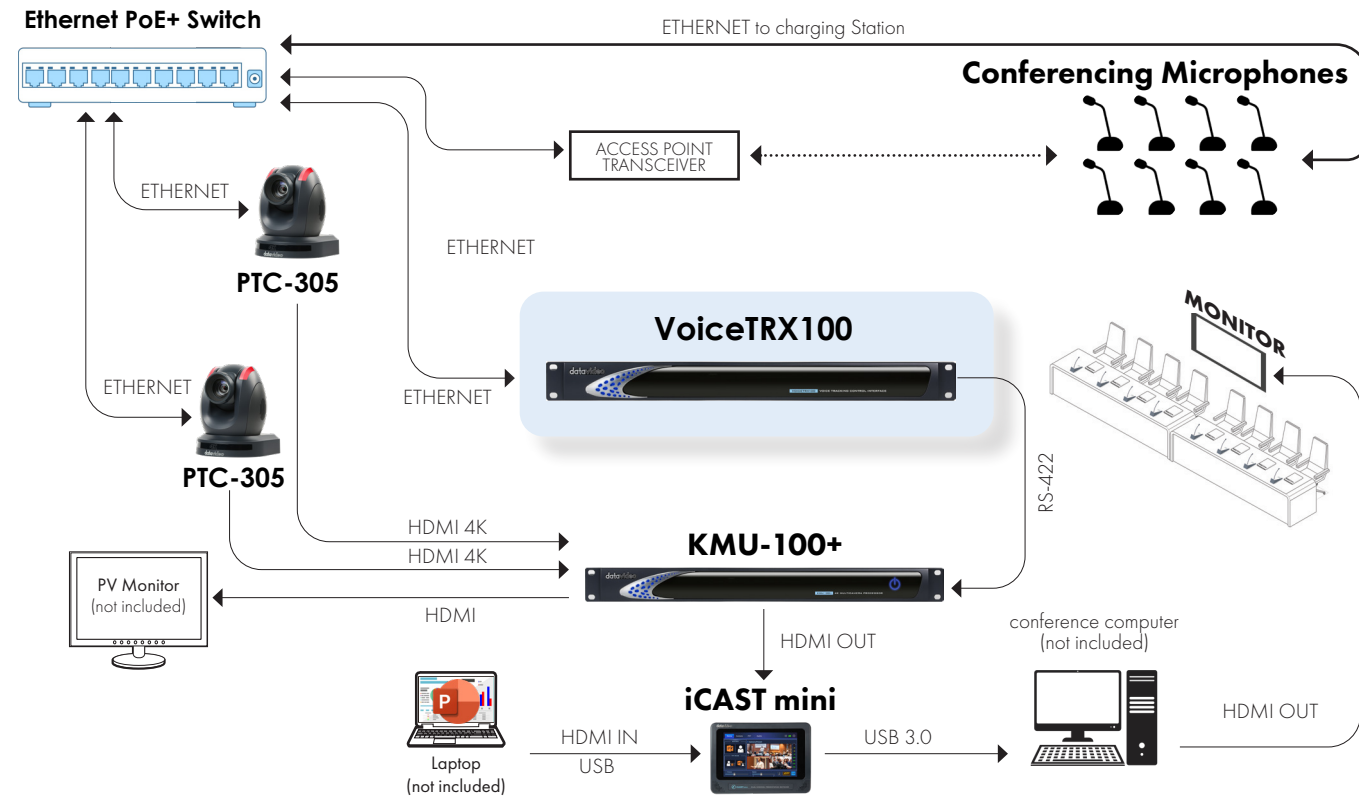
Datavideo products included in the workflow:

- **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

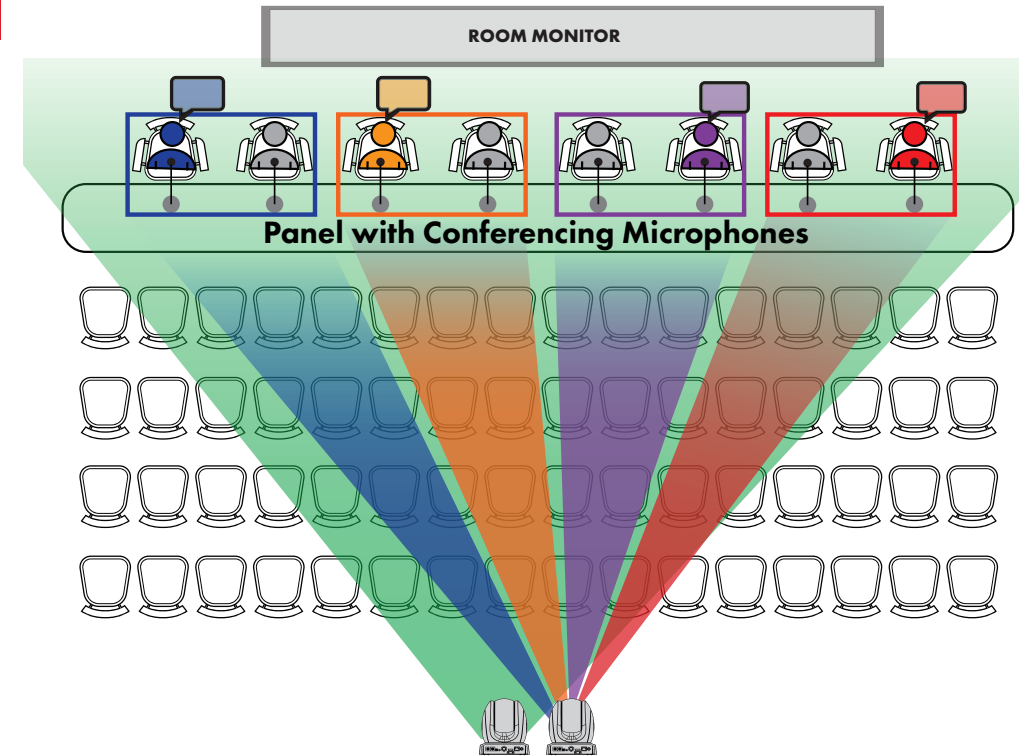
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# Government / Panel Discussion



## 4K Cameras With Region Of Interest (ROI)



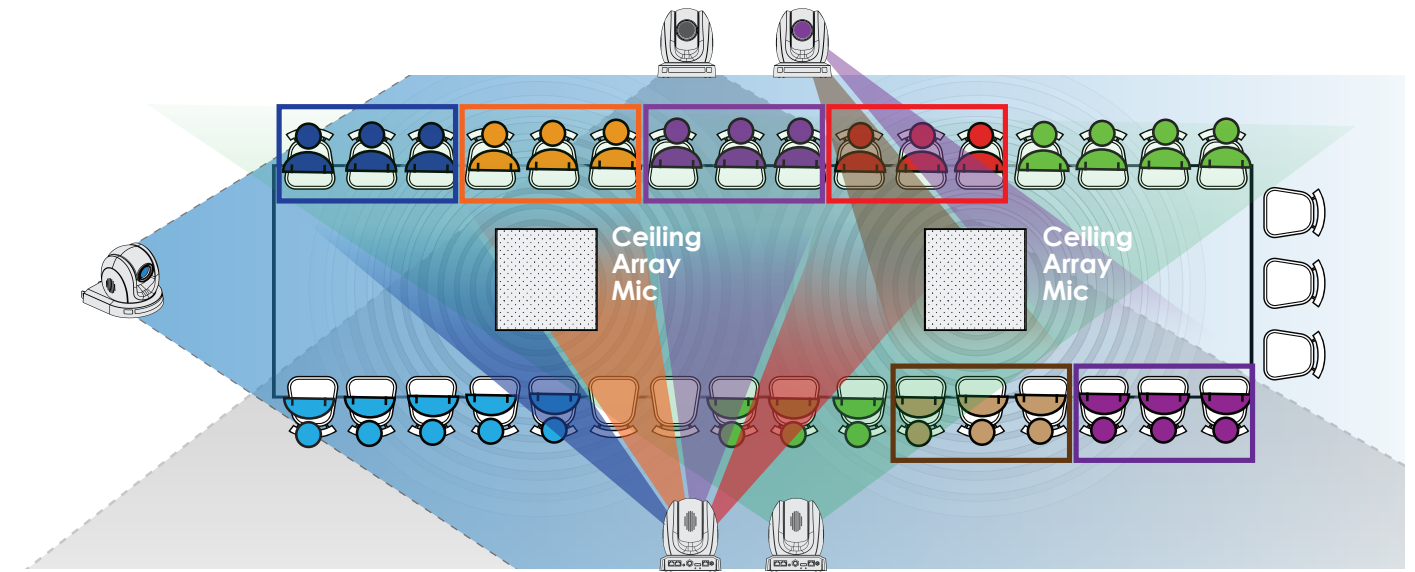
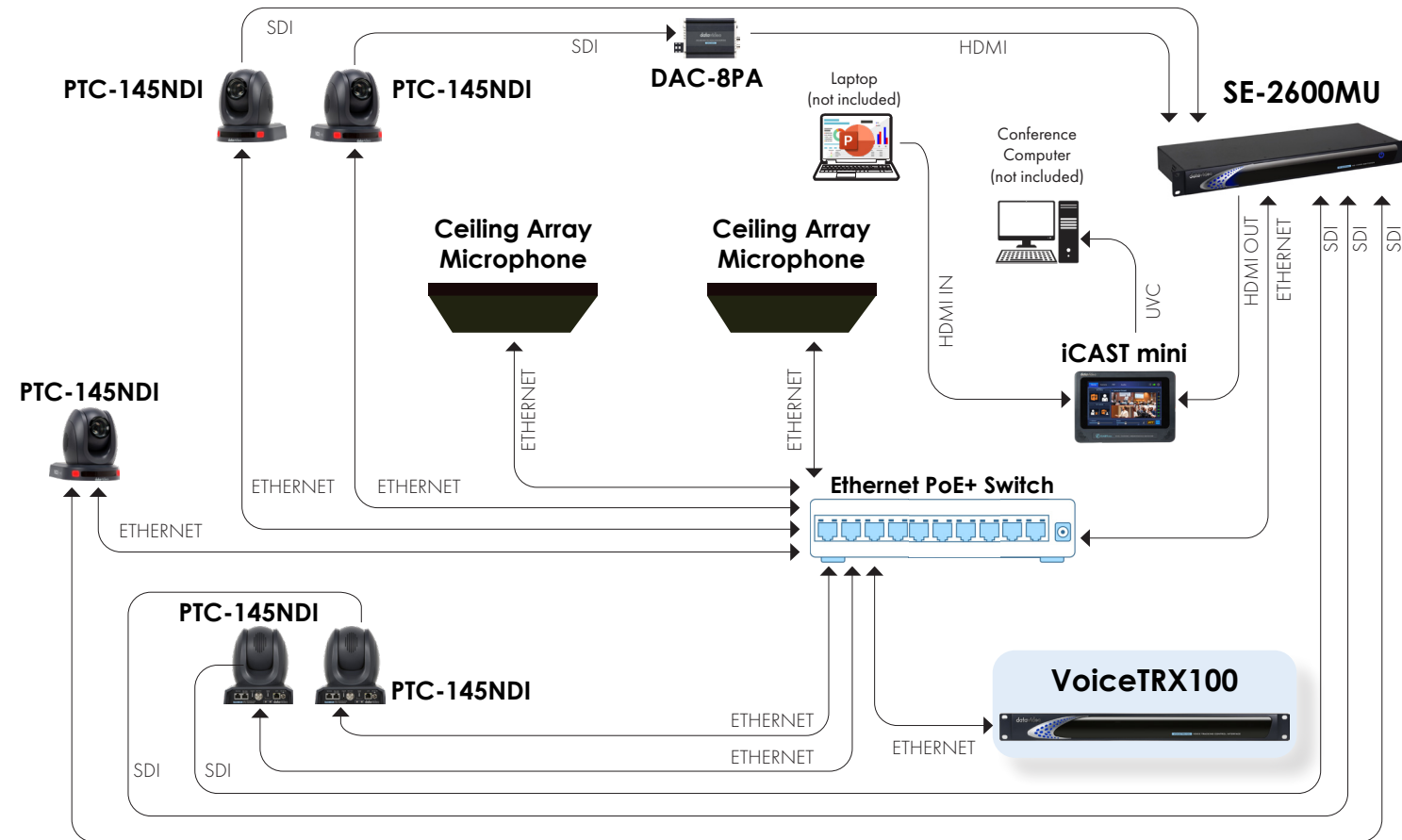
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Datavideo products included in the workflow:

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

# Large Conference Room



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

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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



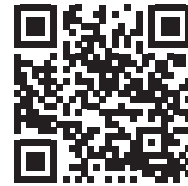
**Hybrid Events Switcher**

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 Enaging 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.



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.

[www.datavideoacademy.com](http://www.datavideoacademy.com)



## 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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