datavideo







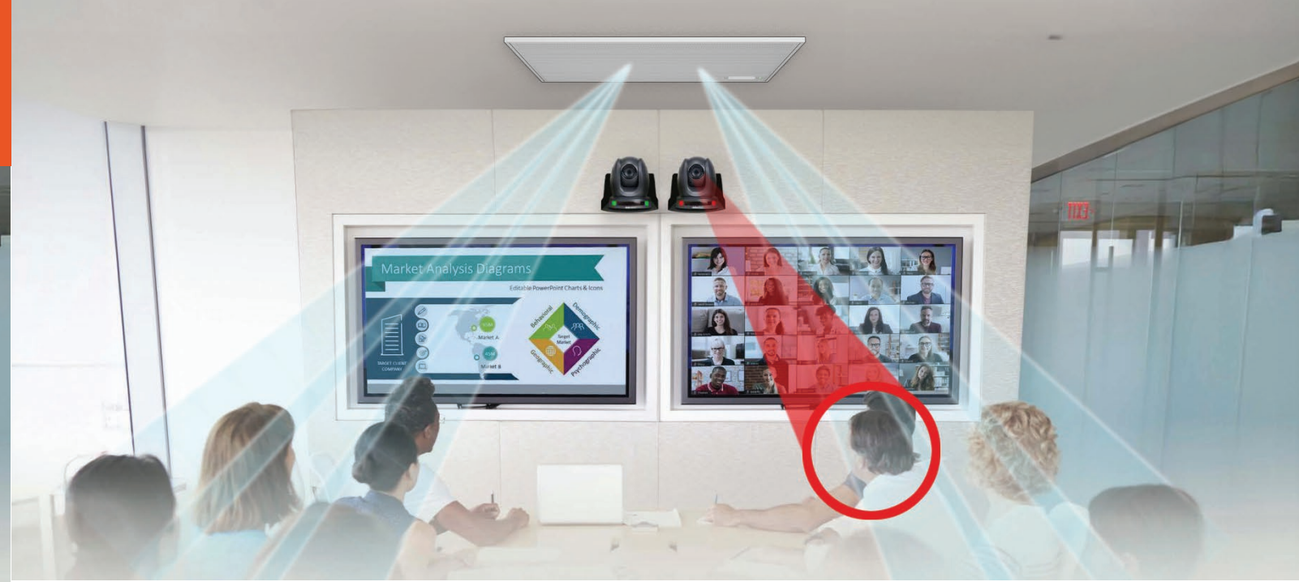
Automated Voice **Tracking Solutions**



Voice Tracking Control



VoiceTRX100



The VoiceTRX100 is a voice-activated multi-camera switching and camera movement solution that provides an automated production for conferences, meetings, town halls, podcasts, and classrooms. Camera switching and movement is done automatically based on the location of the active speaking participant.

VoiceTRX100 Features & Benefits

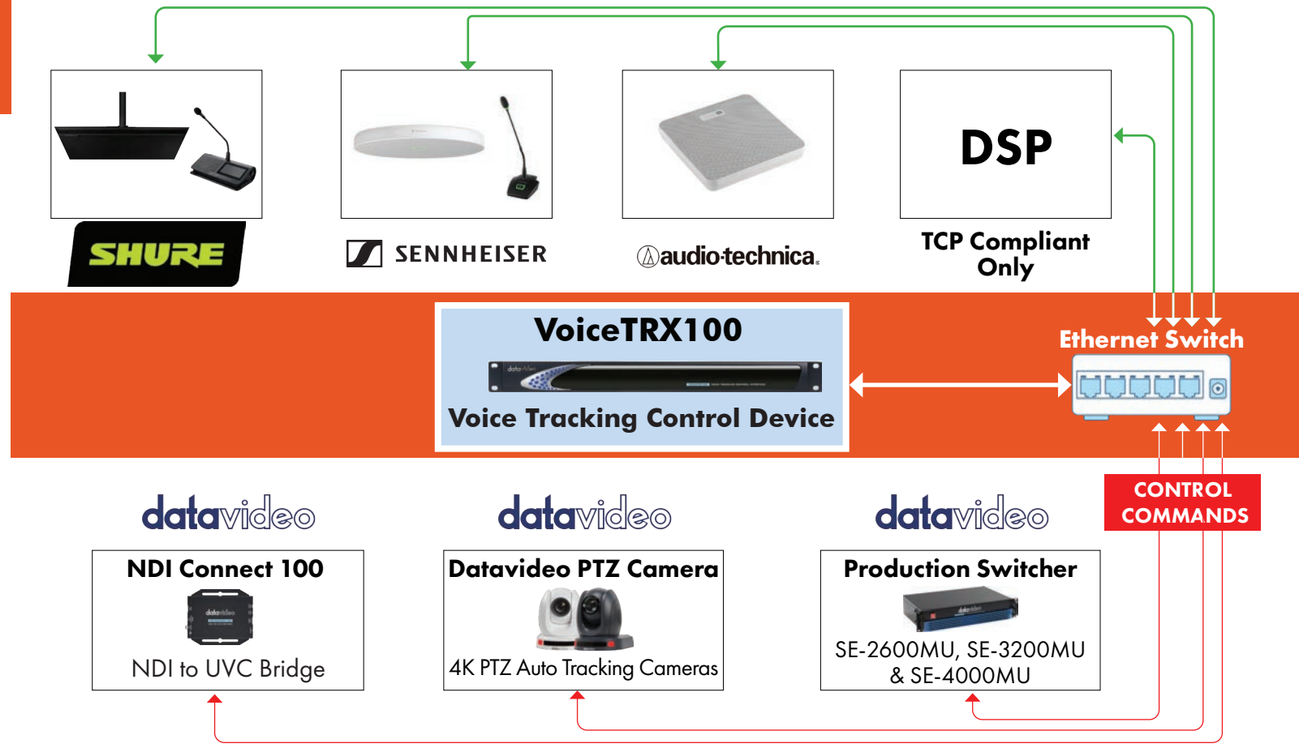
What makes our solution unique

Benefits:

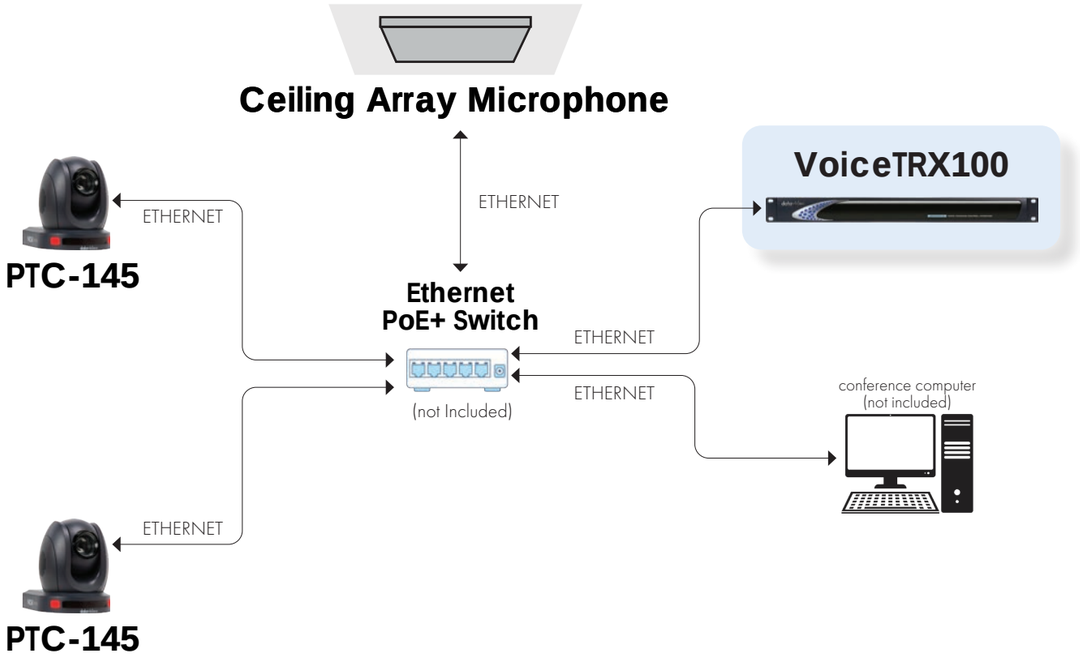
- Creates engaging online experience with close-up shots of active speakers.
- Fully automates switching and camera movements without operator.
- Easy to configure and deploy without complicated programming or commissioning.
- Provides a broadcast experience in an A/V application

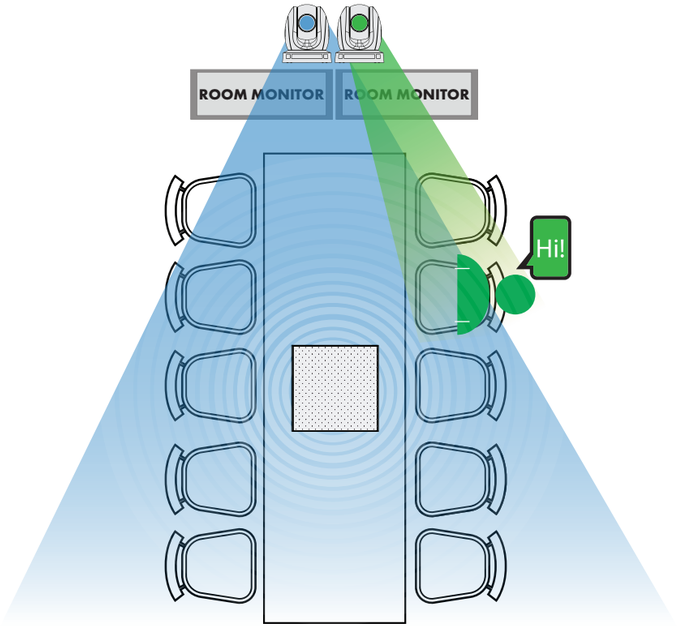
Features:

- Provides clean switching with no camera movement on the ouput.
- 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.



Medium Conference





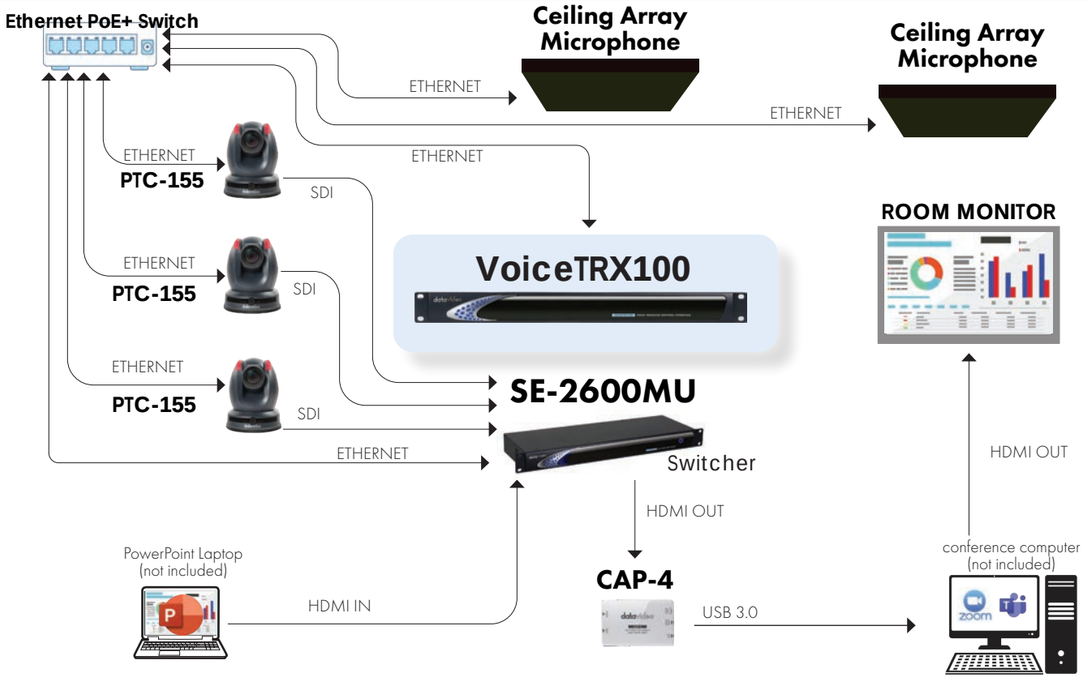
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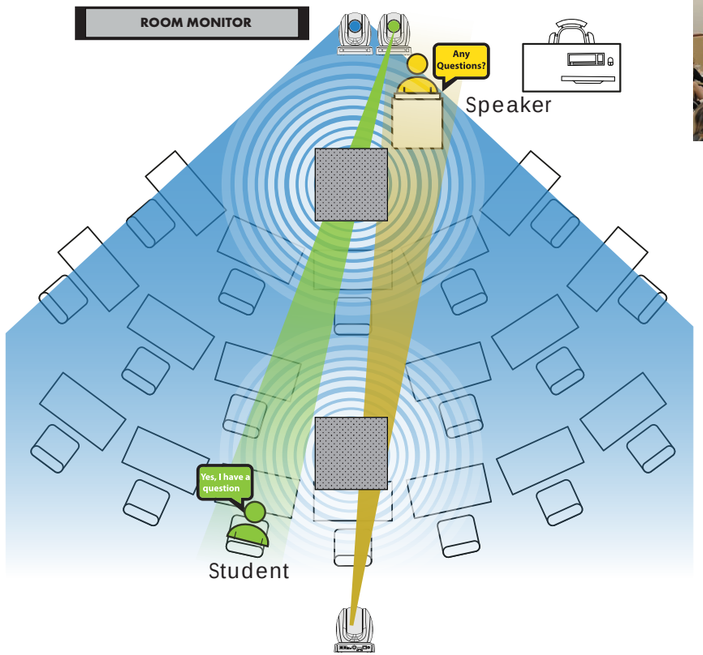


Datavideo products included in the workflow:

- **VoiceTRX100**
  Voice Tracking Control Interface
- **PTC-145**
  (2) 20x HD Tracking PTZ Camera

Lecture Hall with Auto Tracking





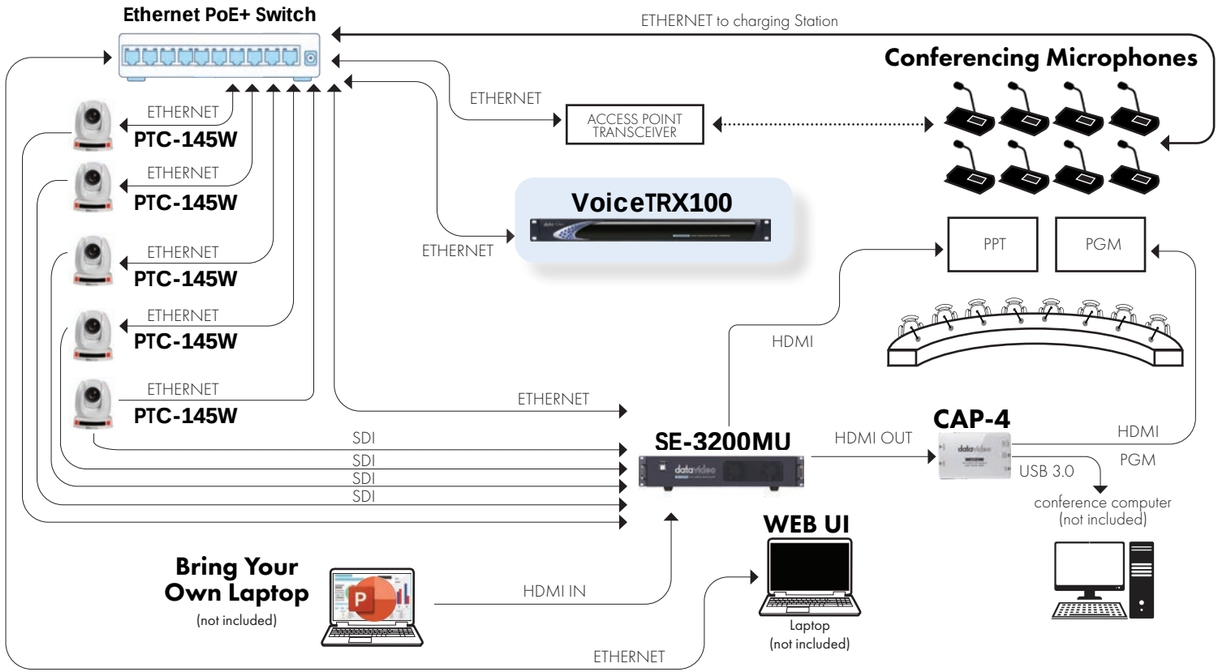
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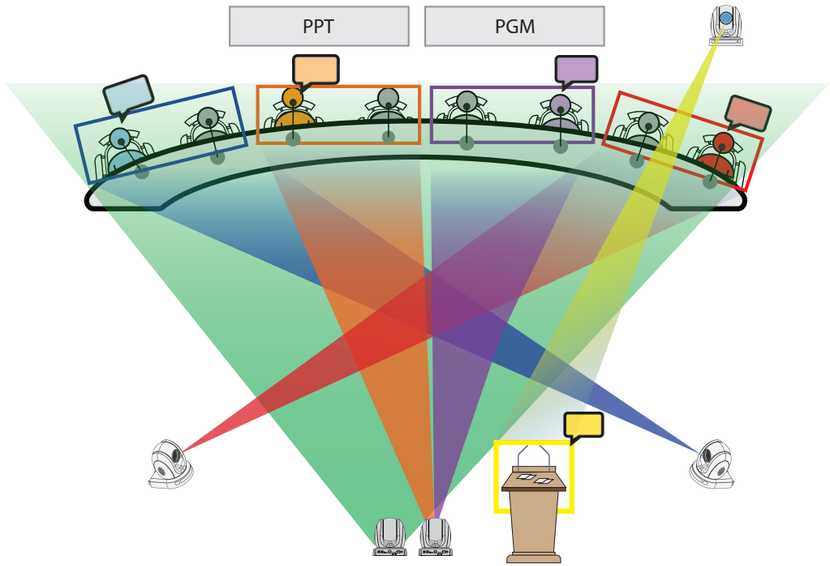
Datavideo products included in the workflow:

- **VoiceTRX100**
  Voice Tracking Control Interface
- **PTC-155**
  (3) 30x HD Tracking PTZ Camera
- **SE-2600MU**
  Production Switcher
- **CAP-4**
  4K HDMI to USB-C Capture Box

Government Panel with Dynamic Windowing



Panel with Conferencing Microphones with Dynamic Windowing



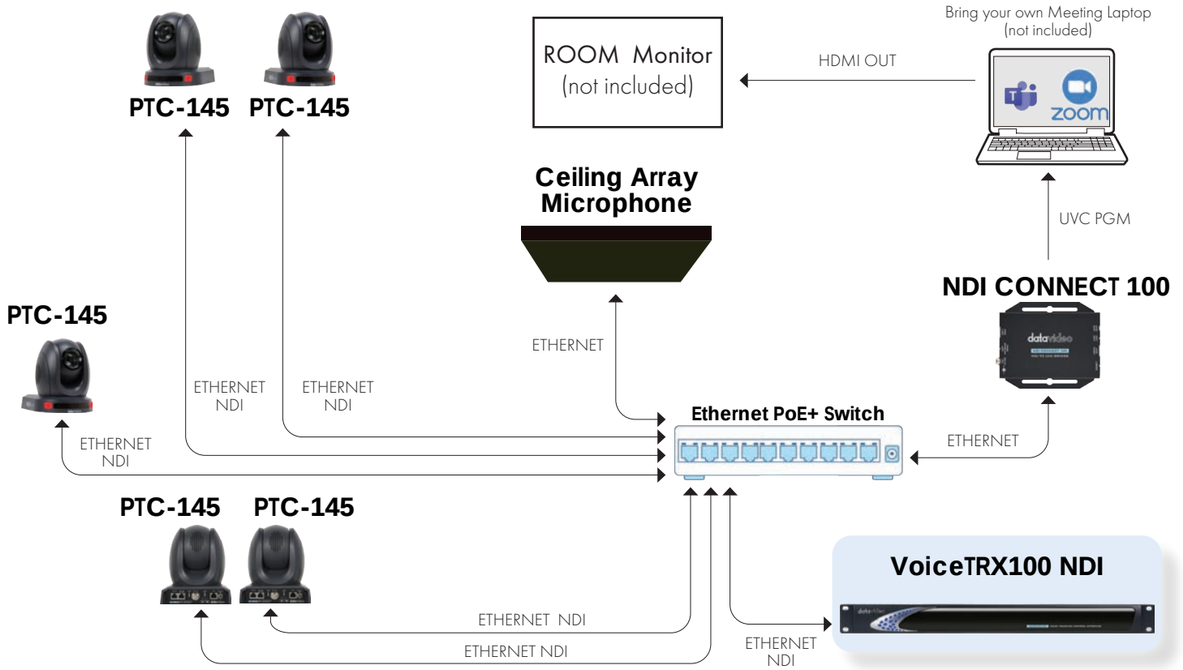
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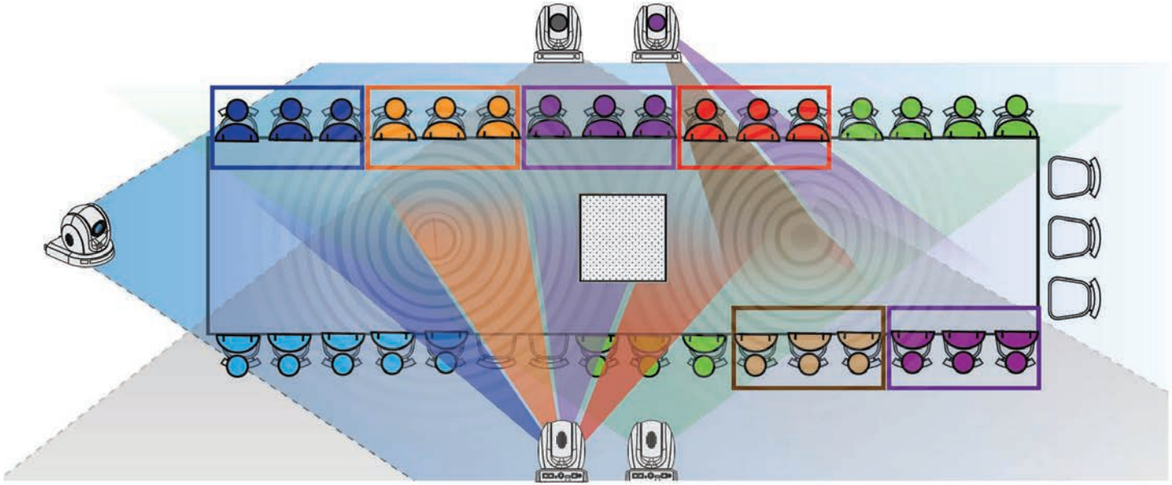


Datavideo products included in the workflow:

- **VoiceTRX100**
  Voice Tracking Control Interface
- **PTC-145W**
  (5) 20x PTZ Camera
- **SE-3200MU**
  HD 12-Channel Digital Video Switcher
- **CAP-4**
  4K HDMI to USB-C Capture Box

Large Conference with NDI



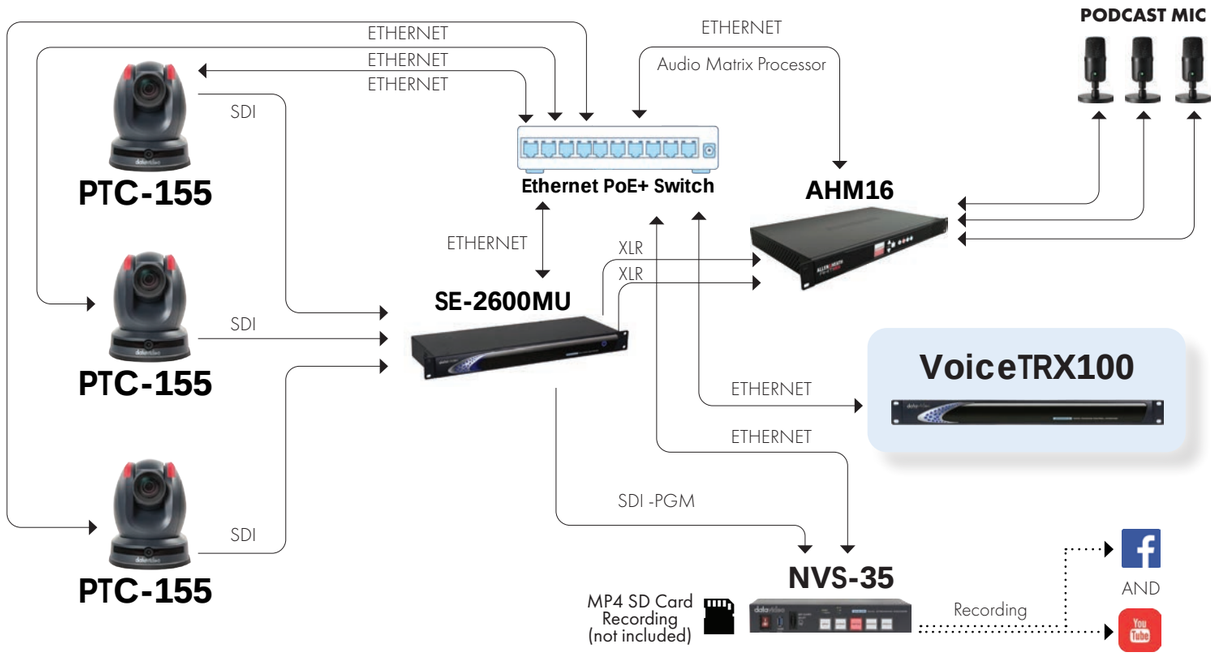


Datavideo products included in the workflow:

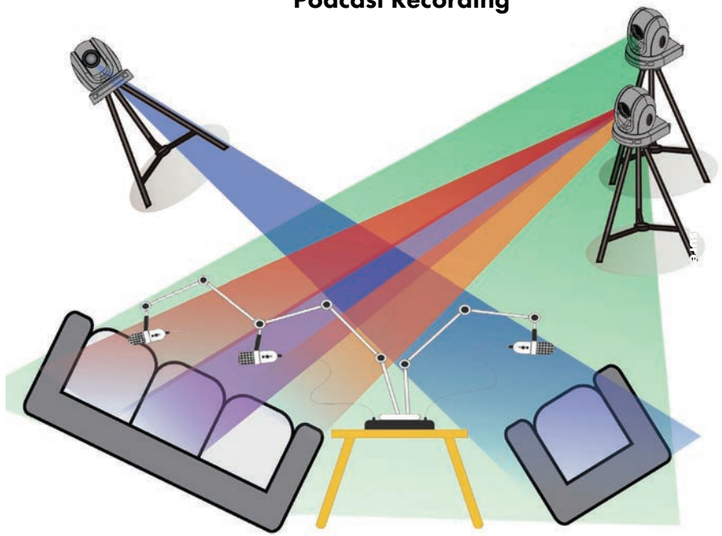
- **VoiceTRX100 NDI**
  Voice Tracking Control Interface
- **NDI CONNECT 100**
  NDI to UVC Bridge
- **PTC-145**
  (5) 20x HD Tracking PTZ Camera

SCAN QR CODE FOR GIF EXAMPLE

Podcast



Podcast Recording



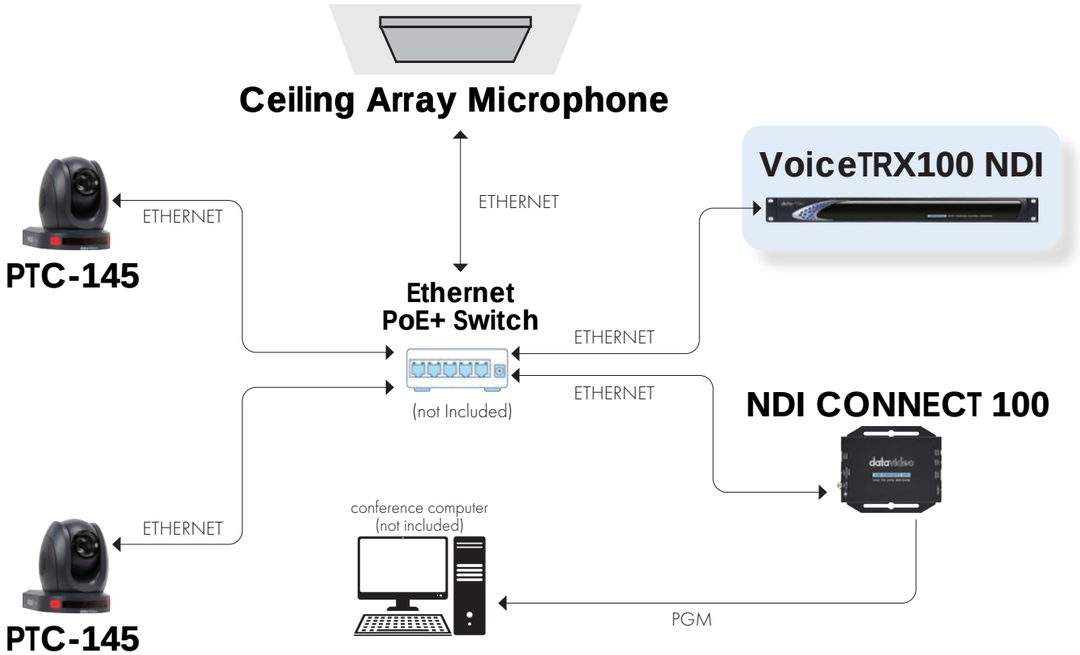
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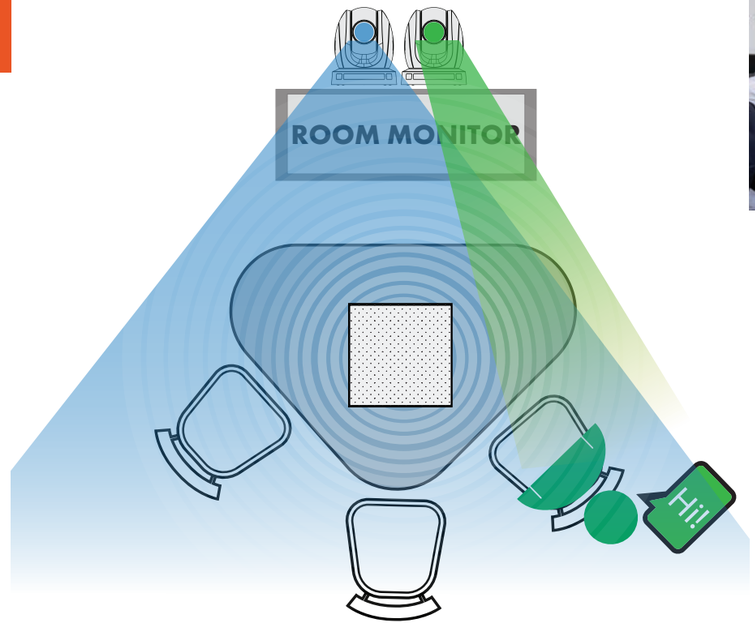


Datavideo products included in the workflow:

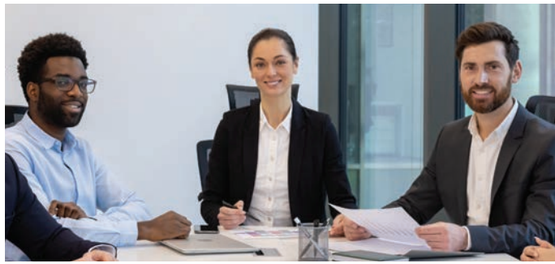
- **VoiceTRX100**
  Voice Tracking Control Interface
- **PTC-155**
  (3) 30x HD Tracking PTZ Camera
- **SE-2600MU**
  HD 8-Channel Digital Video Switcher
- **NVS-35**
  H.264 Dual Streaming Encoder

Training Room





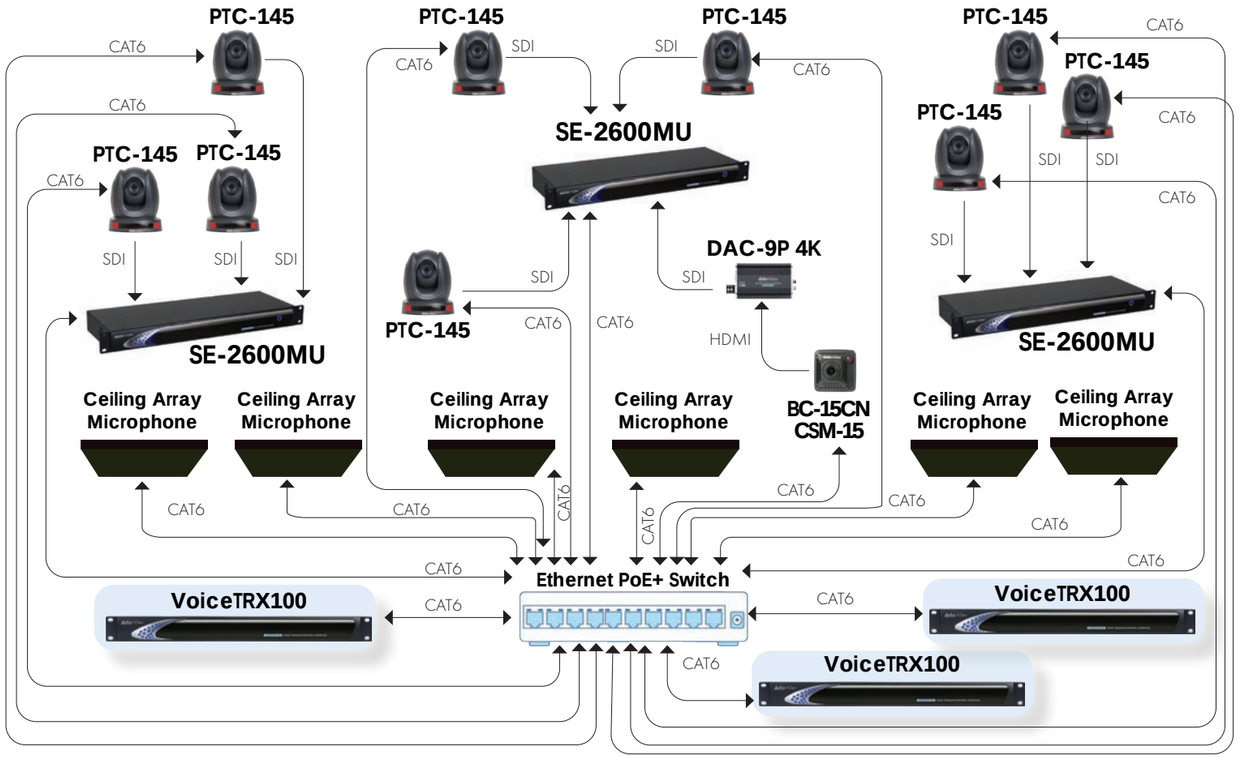
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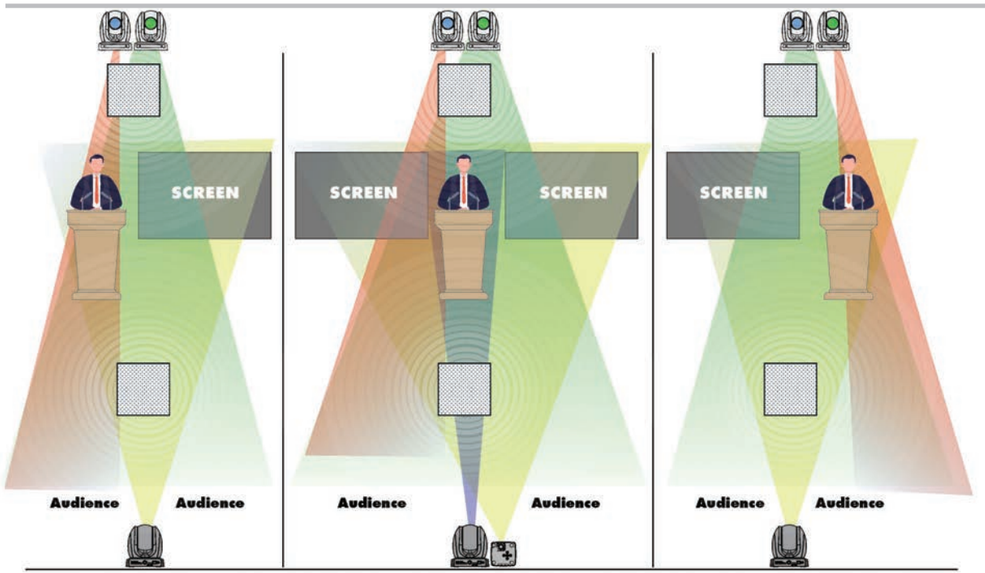
Datavideo products included in the workflow:

- **VoiceTRX100 NDI**
  Voice Tracking Control Interface
- **PTC-145**
  (2) 20x HD Tracking PTZ Camera
- **NDI CONNECT 100**
  NDI to UVC Bridge

Combined and Divisible Space



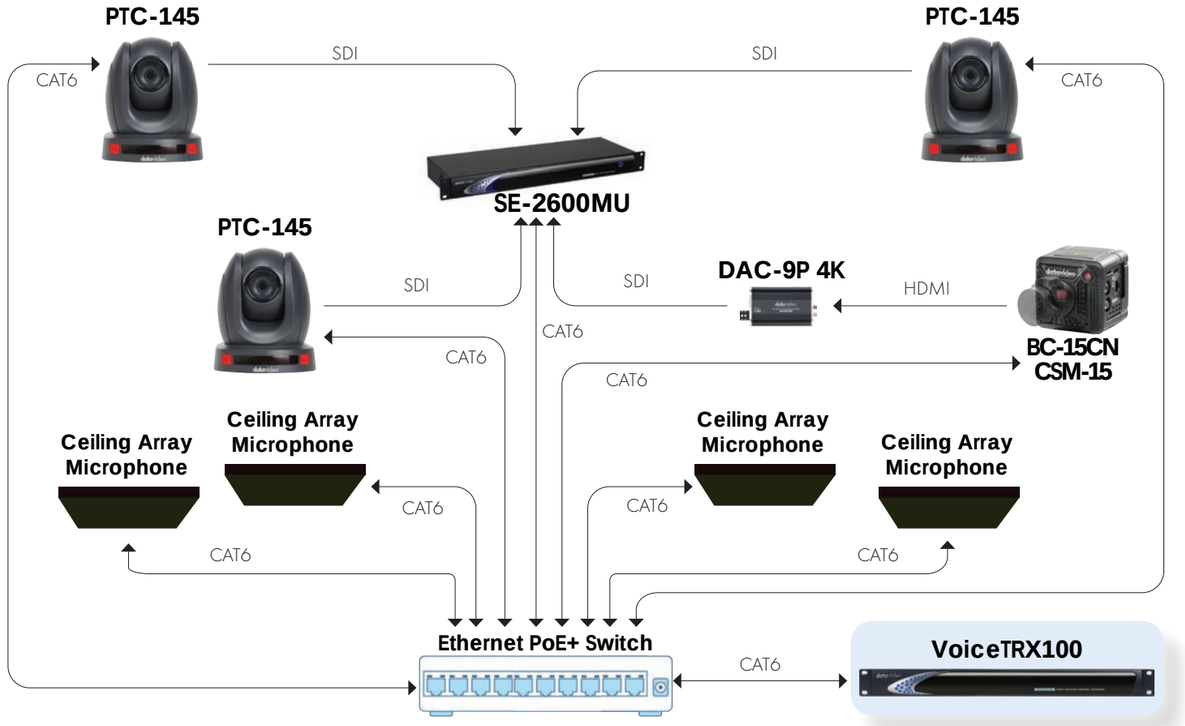
Divisible Space

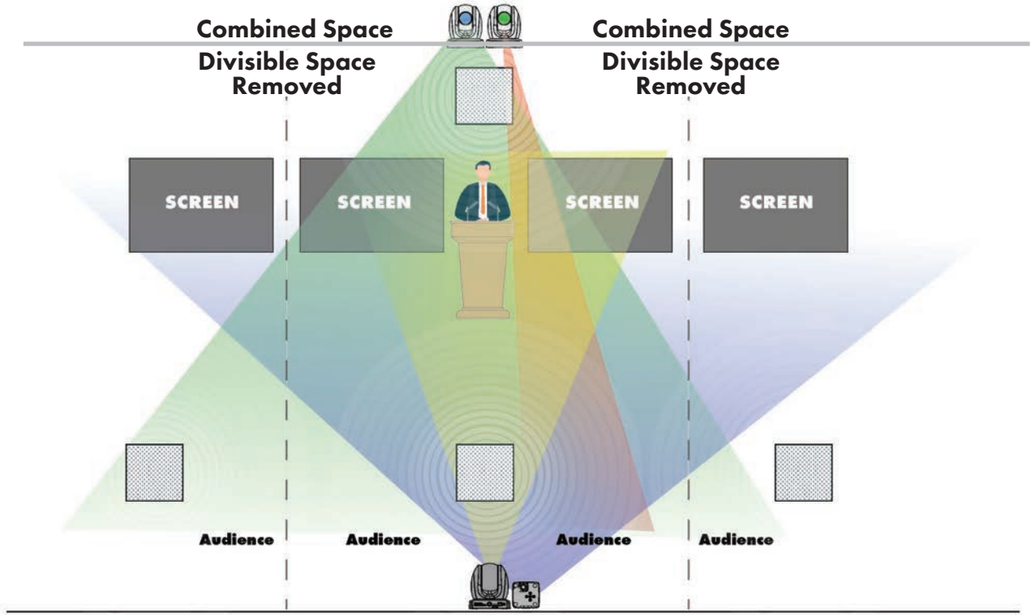


Datavideo products included in the workflow:

- **VoiceTRX100**
  (3) Voice Tracking Control Interface
- **PTC-145**
  (9) 20x HD Tracking PTZ Camera
- **SE-2600MU**
  HD 8-Channel Digital Video Switcher
- **BC-15CN**
  4K POV NDI Camera
- **CSM-15**
  1/1.8" 4K Sensor Mount Lens BC-15C
- **DAC-9P 4K**
  4K HDMI TO 12G-SDI Converter

Three Divisible into One Combined Room





Datavideo products included in the workflow:

- **VoiceTRX100**
  Voice Tracking Control Interface
- **PTC-145**
  (3) 20x HD Tracking PTZ Camera
- **SE-2600MU**
  HD 8-Channel Digital Video Switcher
- **BC-15CN**
  4K CS Mount POV NDI Camera
- **CSM-15**
  1/1.8" 4K Sensor Mount Lens BC-15C
- **DAC-9P 4K**
  4K HDMI TO 12G-SDI Converter

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. All cameras feature **PoE+ & up to NDI HX3.**

BC-15CN



4K CS Mount POV NDI Camera

- 2x Digital Zoom
- Video Resolution up to 4K60p

VTC-100



Dual Lens Voice Tracking PTZ Camera

- 12x Optical Zoom
- Video Resolution up to 1080p

PTC-600



4K 30x Tracking PTZ Camera

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

PTC-145



HD Auto Tracking PTZ Camera

- 20x Optical Zoom
- Video Resolution up to 1080p

PTC-155



Dual Lens Auto Tracking PTZ Camera

- 30x Optical Zoom
- Video Resolution up to 1080p

PTC-285



4K Auto Tracking PTZ Camera

- 12x Optical Zoom
- Video Resolution up to 4K60p

PTC-305



4K Auto Tracking PTZ Camera

- 20x Optical Zoom
- Video Resolution up to 4K60p

PTC-325



4K Auto Tracking PTZ Camera

- 30x Optical Zoom
- Video Resolution up to 4K60p

Supported Video Switchers

Datavideo's Production Switchers

SE-4000MU



4K 12-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 offers full HD 1080p 8x 3G-SDI and 4x HDMI inputs, along with 9 outputs including 6x 3G-SDI and 3x HDMI.

VoiceTRX100 NDI



NDI Router

Automated voice tracking NDI camera Router to work in conjunction with AV network switches. License required to unlock this feature.

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.

SENNHEISER | SHURE | audio-technica | ALLEN&HEATH

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 TC Compliant Suited for your Application

The updated microphone list can be found at www.datavideo.com/us/product/VoiceTRX100

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



Shure®
MXA920, MXA910, MXA925, MXA901, MXW8, MXCW



Audio-Technica®
ANTD1061, ATUC-IR, ATUC-50



ALLEN & HEATH®
AHM Series



Bosch®
DICENTIS Wireless CCS-1000D



Televic®
CCS-1000D



biamp. ®

Symetrix ®



Recommended AV Bridge

SDI or HDMI Capture Boxes

NDI CONNECT 100



NDI to UVC Bridge

- Decodes NDI to UVC/ USB, HDMI and SDI
- Up to 1ch 4K60 decode with NDI HX3/HX2, and other IP stream formats
- PoE powered or AC-adapter power supply
- Support Web UI and DVIP control, to bundle with VoiceTRX 100 workflows
- Compact and low power consumption, ideal for conference applications

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-4



HDMI to USB 3.0 Capture Box

- 2160p60 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

- Connect to Zoom or Teams computer through USB C output
- 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

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	SE-4000MU, SE-2600MU, SE-3200MU, VoiceTRX100 NDI
Supported Microphones	Shure MXCW, MXW8, MXA901 Shure MXA910/920 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 ATND1061, Audio-Technica ATUC-IR, Audio-Technica ATUC-50 Allen and Heath CQ12T, Allen and Heath CQ18T Bosch DICENTIS Wireliess CCS-1000D Televic CCS-1000D

For a complete and up to date list of compatible microphones visit the VoiceTRX100 product page on www.datavideo.com

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