

datavideo

AUTOCAST LIVE

Build Your Own Automated Video Podcast Studio



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Pick a fully automated live video podcast using Davideo Autocast solutions. Choose the system level that matches your production quality, distribution needs, and budget.

What makes our solution unique

- 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.

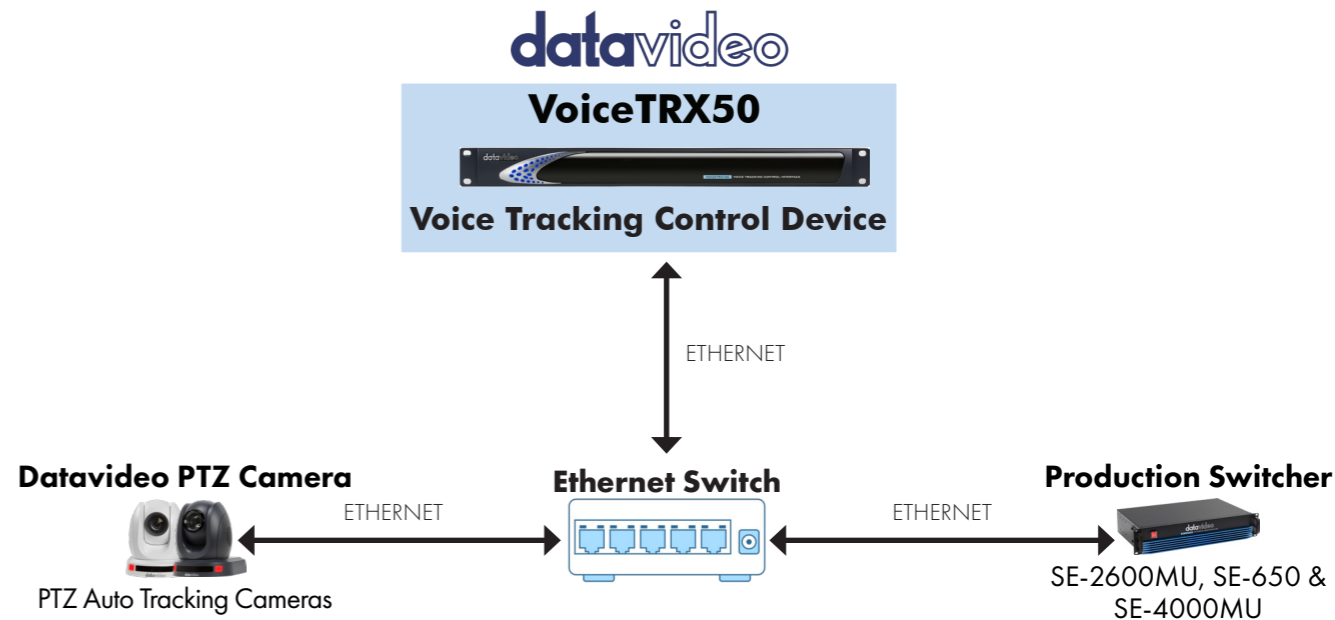


Core System Requirements (All Systems)

1. **VoiceTRX50** – Voice tracking control interface that triggers camera presets and automatic switching.
2. **Tracking PTZ Cameras** – Minimum of two cameras required depending on room size and coverage.
3. **Video Switcher** – Model selection based on input count and production capability.

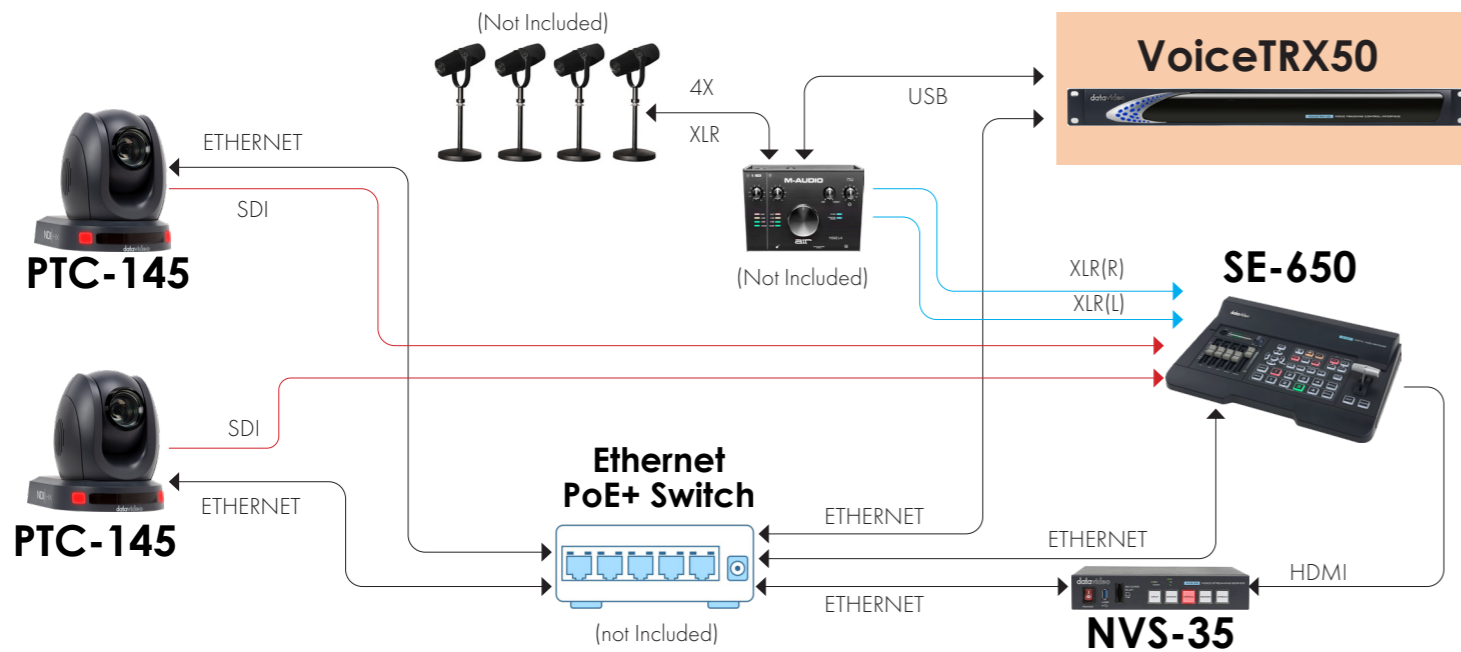
Features

- Provides clean switching with no camera movement on the output.
- 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.
- Character generator (CG) function identifies active speakers in the room for far end experience and recording purposes. (iCAST 10NDI MK II only)
- Supports a variety of popular conferencing microphones processors and ceiling arrays from Shure.



Autocast Pro Kit

VoiceTRX50, 2+ PTC-145 cameras, SE-650 switcher. Ideal for small studios and entry-level automation.

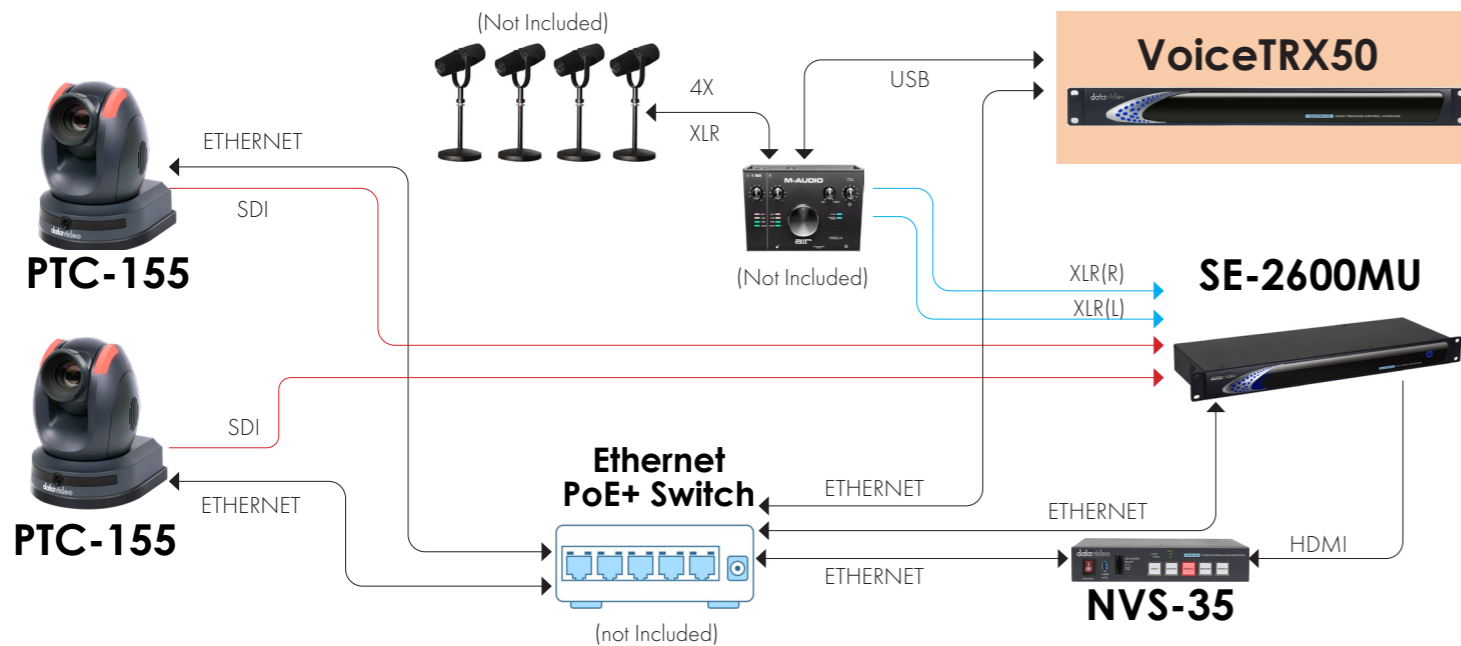


Datavideo products included in the workflow:

- **VoiceTRX50**
Voice Tracking Control Interface
- **PTC-145**
(2) 20x HD Tracking PTZ Camera
- **SE-650**
4 Input HD Digital Video Switcher
- **NVS-35**
H.264 Dual Streaming Encoder

Autocast Ultra Kit

VoiceTRX50, 2+ PTC-155 cameras, SE-2600MU switcher. Designed for higher production multi-platform streaming.

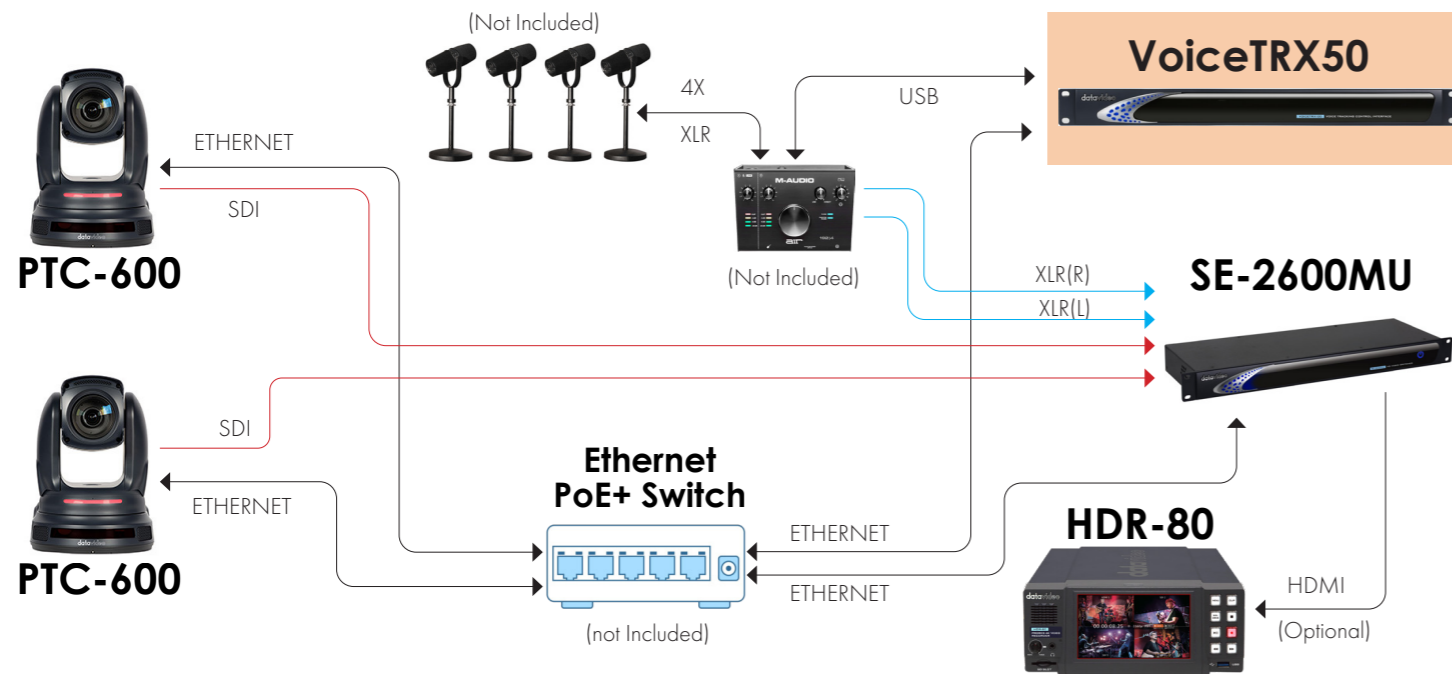


Datavideo products included in the workflow:

- **VoiceTRX50**
Voice Tracking Control Interface
- **PTC-155**
(2) 30x HD Tracking PTZ Camera
- **SE-2600MU**
HD 8-Channel Digital Video Switcher
- **NVS-35**
H.264 Dual Streaming Encoder

Autocast Broadcast Kit

Autocast Broadcast Kit – VoiceTRX50, 2+ PTC-600 cameras, SE-4000MU switcher. Built for premium productions and 4K delivery.



Datavideo products included in the workflow:

- **VoiceTRX50**
Voice Tracking Control Interface
- **PTC-600**
(2) 4K 30x Tracking PTZ Camera
- **SE-2600MU**
HD 8-Channel Digital Video Switcher
- **HDR-80**
ProRes 4K Video Recorder

Recommended PTZ Cameras

Datavideo's HD & 4K PTZ Cameras

The VoiceTRX50 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**.

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-600



4K 30x Tracking PTZ Camera

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

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-650



4 Input HD digital Video Switcher

The SE-650 switcher offers HD 1080p 2x SDI and 2x HDMI inputs,

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.

Supported USB Audio Mixers:

Zoom



LiveTrak L6,
LiveTrak L6Max,
LiveTrak L8,
LiveTrak L12

SoundCraft



Ui24R

M-Audio



Duo, Air 192 | 14

Tascam



Mixcast 4
US-16x08

Behringer



UMC404HD

Allen & Heath



CQ18T
CQ12T

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-adaptor 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

VoiceTRX50 Specifications

Model Name	VoiceTRX50			
Product Name	Voice Tracking Control Interface			
Control	Web browser UI for configuration and control DVIP commands			
Control Protocol	DVIP			
Network Feature	1 x RJ-45 Female (10/100/1000M Ethernet) DHCP/Static IP			
POE	IEEE 802.3at PoE+			
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	Up to 3840x2160p 60			
Supported Camera	All Datavideo PTZ Cameras			
Supported Video Switchers	iCast 10NDI series KMU-100+ SE-650 SE-1200MU	SE-2600 series SE-3200 series SE-4000 series		
Supported Microphones	Allen and Heath CQ12T Allen and Heath CQ18T Zoom LiveTrak L6 Zoom LiveTrak L6 Max	Zoom LiveTrak L8 Zoom LiveTrak L12 RodeCaster Pro II SoundCraft UI24R	M-Audio Duo M-Audio Air 192 14 Tascam US-16X08 Tascam Mixcast 4	Behringer UMC404HD



For a complete and up to date list of compatible microphones visit the VoiceTRX50 product page on datavideo.com



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