Voice Tracking Solutions
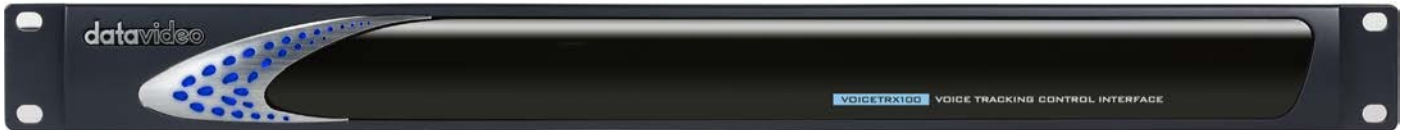## for Conferencing

NEW VoiceTRX100

datavideo

Voice Tracking Control

NEW VoiceTRX100

The VoiceTrx100 is a voice-activated camera switching and camera movement solution that provides an automated production to 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 gooseneck microphones from Shure, Sennheiser, and Audio-Technica.

VoiceTRX100 Features & Benefits

What makes our solution unique

Benefits:

- Create engaging conferencing experiences with close-up camera shots of active participates.

- Fully automated switching and camera movements without an operator.

- Built-in modules and templates connects cameras and switchers with 3rd party microphones and DSP's simplifying programming and logic building.

- Auto camera movement and switching based on participant's voice provides engaging online experience.

Features:

- Drop down menu setup and logic provides fast and effective room setups without additional programming cost.

- Controls Datavideo switchers and PTZ tracking cameras.

- Easy configuration with the intelligent WebUI for room configuration and 3rd party connectivity.

- Record and stream meetings when paired with the iCAST 10NDI.

- Unique 4K ROI processor provides instant switching to multiple camera angles without camera movement.

Live Positional Data from Microphone Systems

SHURE

SHURE

SENNHEISER

audio-technica.

VoiceTRX100

Voice Tracking Control Device

Ethernet Switch

datavideo

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datavideo

KMU-100+

4K Multicamera Processor

Datavideo PTZ Camera

4K PTZ Auto Tracking Cameras

iCAST 10 NDI

Hybrid Events Switcher

CONTROL COMMANDS

04

City Council

FAR-END SOURCE
INTERNET

Ethernet PoE+ Switch

Router

SHURE ACCESS POINT TRANSCEIVER

ETHERNET

ETHERNET

PTC-305

ETHERNET

ETHERNET

PTC-305

SHURE

MXW8 Gooseneck Mic

VOICETRX100

ROOM MONITOR

RS-422

HDMI
HDMI

KMU-100+

HDMI

PV Monitor
(not included)

HDMI OUT

Laptop (not included)

LOUDSPEAKER

Dante DSP

CAP-1

USB 3.0

ZOOM

HDMI OUT

ETHERNET

LOUDSPEAKER

USB
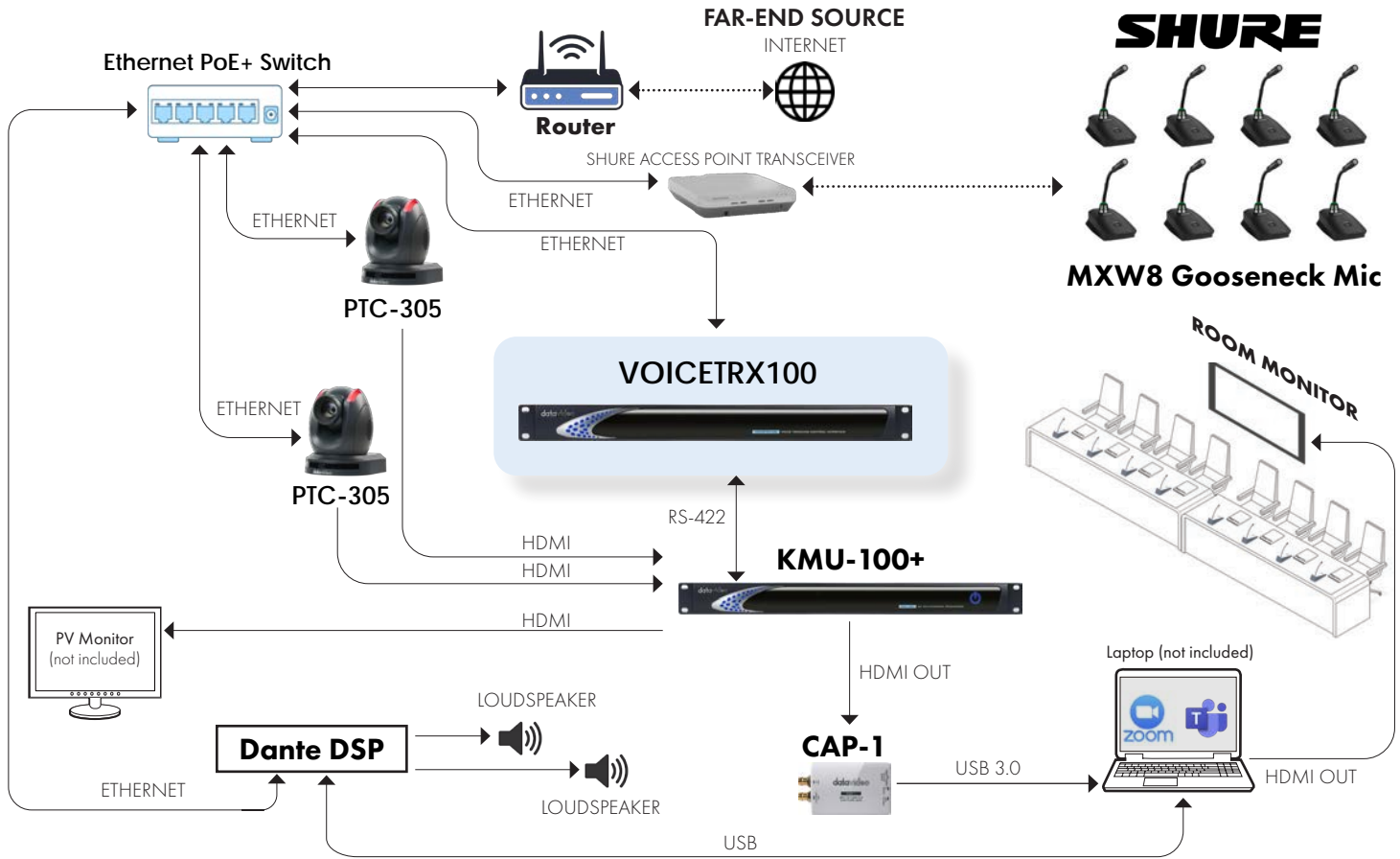
Example Of Single 4K Camera With Region Of Interest (ROI)
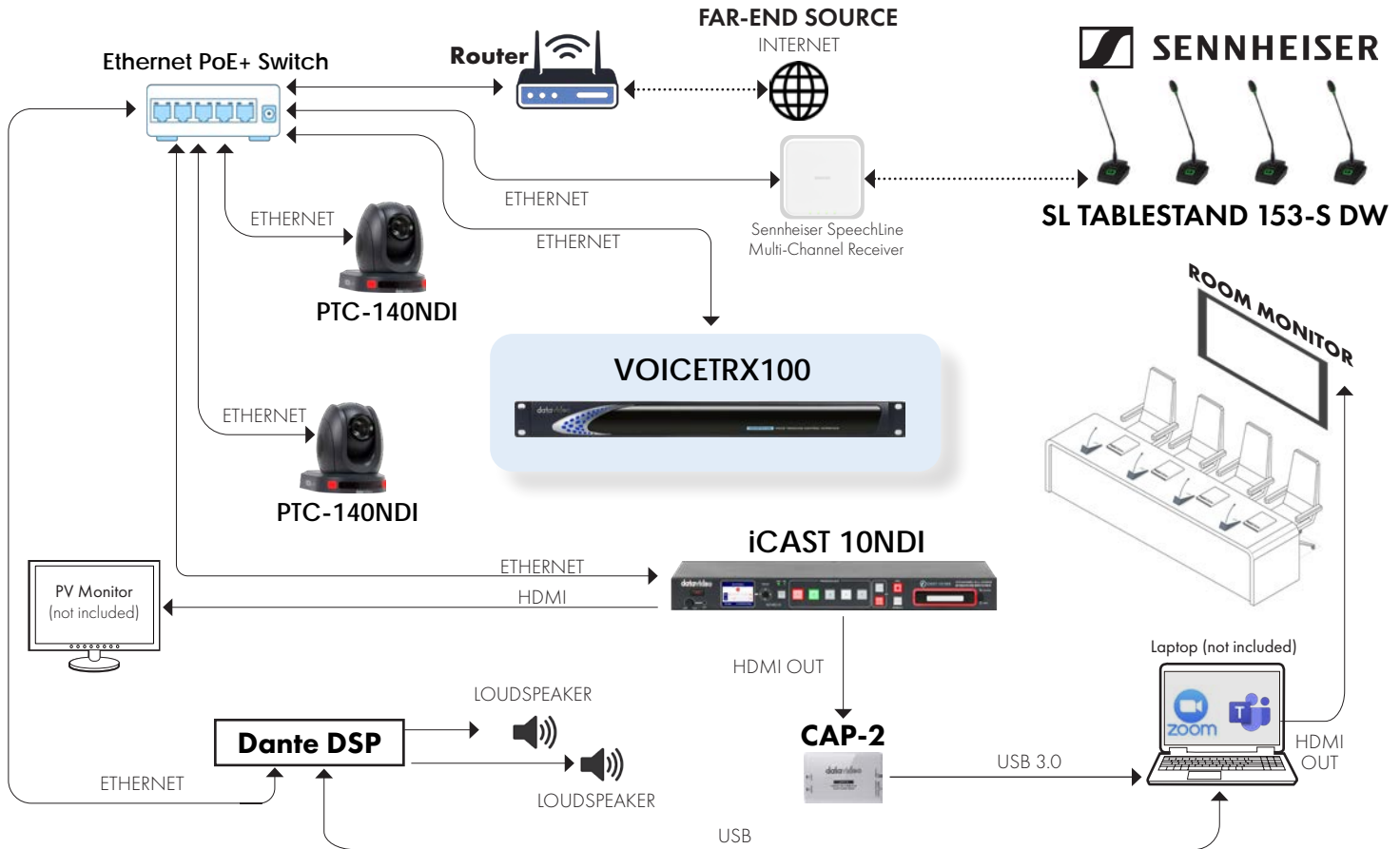

datavideo
www.datavideo.com

Datavideo products included in the workflow:

- **VOICETRX100**
  Voice Tracking Control Interface

- **PTC-305**
  (2) 4K Tracking PTZ Camera

- **KMU-100+**
  4K Multicamera Processor

- **CAP-1**
  SDI to USB 3.0 Capture Box

SHURE

MXW8 Gooseneck Microphones

06

Panel Discussion

FAR-END SOURCE
INTERNET

Router

SENNHEISER

Ethernet PoE+ Switch

ETHERNET

ETHERNET

Sennheiser SpeechLine
Multi-Channel Receiver

SL TABLESTAND 153-S DW

ETHERNET

PTC-140NDI

ROOM MONITOR

ETHERNET

PTC-140NDI

VOICETRX100

iCAST 10NDI

ETHERNET

HDMI

PV Monitor
(not included)

HDMI OUT

Laptop (not included)

Dante DSP

LOUDSPEAKER

CAP-2

zoom

HDMI
OUT

ETHERNET

USB 3.0

LOUDSPEAKER

USB

![datavideo logo]
www.datavideo.com

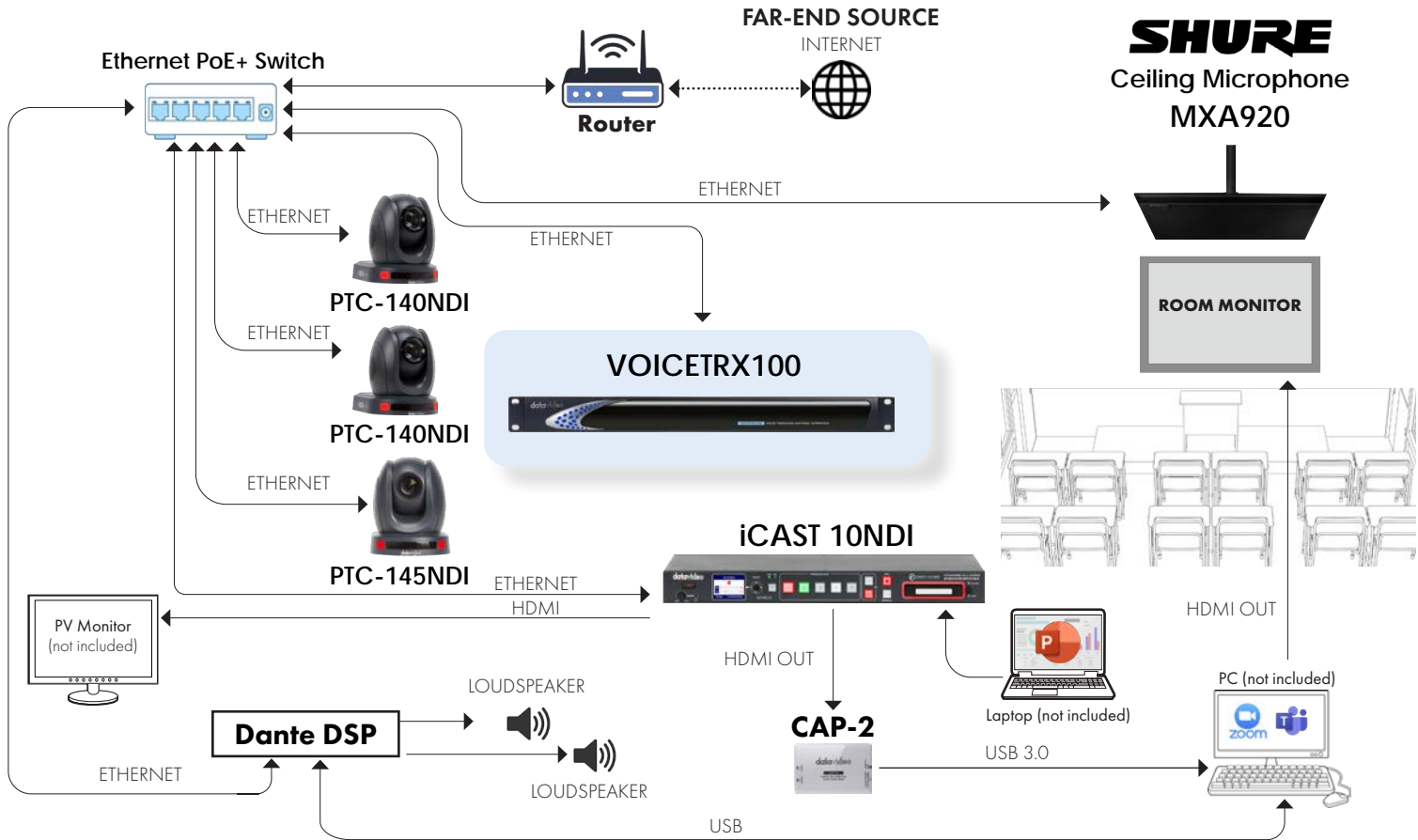**Datavideo products included in the workflow:**

- **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

SENNHEISER

SL TABLESTAND 153-S DW
SL MCR 4 DW

08

Classroom with Auto Tracking
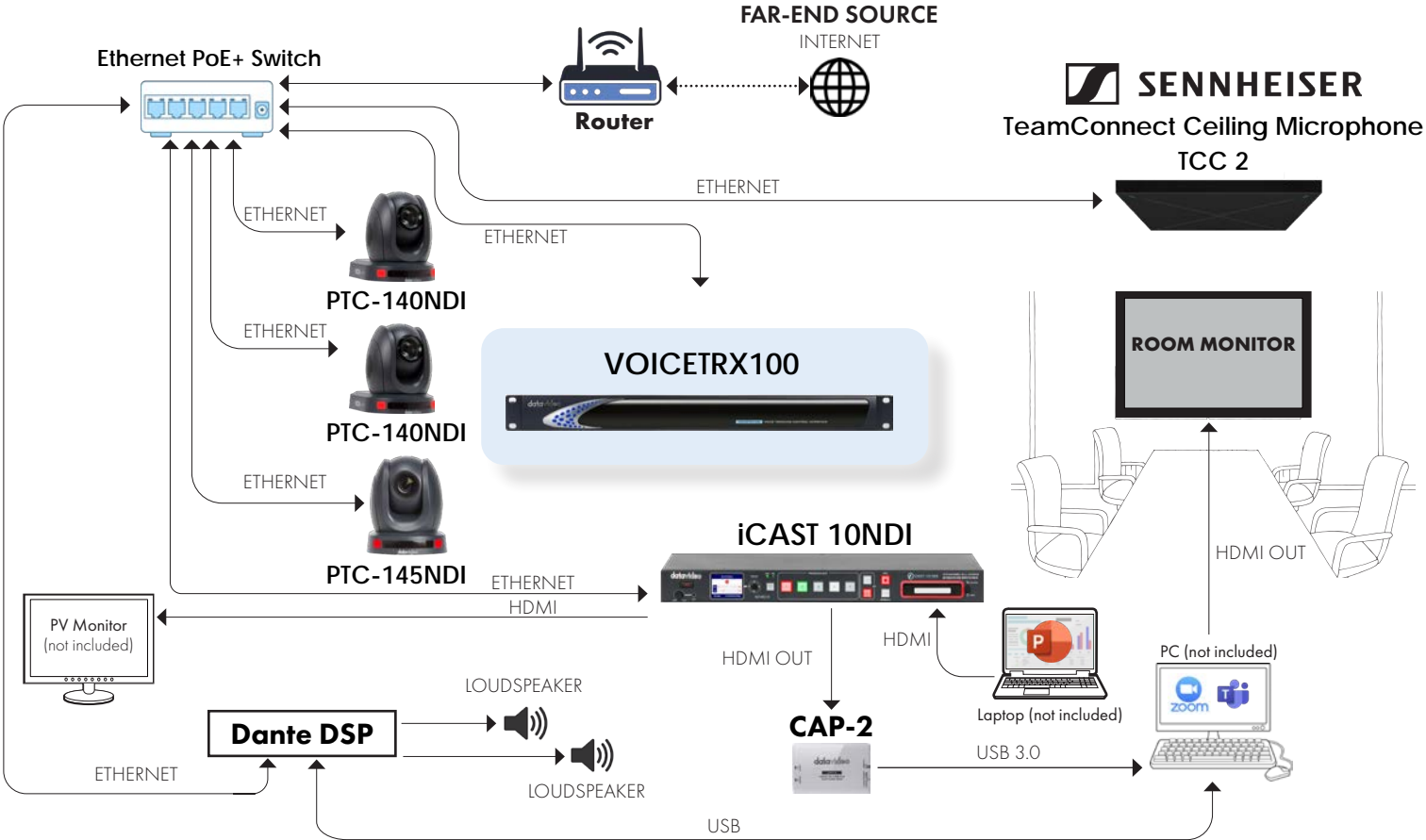
datavideo
www.datavideo.com

Datavideo products included in the workflow:

- **VOICETRX100**
  Voice Tracking Control Interface

- **PTC-140NDI**
  (2) 20x HD PTZ Camera

- **PTC-145NDI**
  (1) 20x HD Auto Tracking PTZ Camera

- **iCAST 10NDI**
  Hybrid Event Switcher

- **CAP-2**
  HDMI to USB 3.0 Capture Box

SHURE

MXA920 Ceiling Microphone

Large Conference Room with Auto Tracking

Ethernet PoE+ Switch

FAR-END SOURCE
INTERNET

Router

SENNHEISER
TeamConnect Ceiling Microphone
TCC 2

ETHERNET

ETHERNET

PTC-140NDI

ETHERNET

VOICETRX100

ROOM MONITOR

PTC-140NDI

ETHERNET

ETHERNET

PTC-145NDI

iCAST 10NDI

HDMI OUT

ETHERNET

HDMI

PV Monitor
(not included)

HDMI OUT

HDMI

PC (not included)

HDMI OUT

CAP-2

Laptop (not included)

Dante DSP

LOUDSPEAKER

LOUDSPEAKER

USB 3.0

ETHERNET

USB

www.datavideo.com

Datavideo products included in the workflow:

- **VOICETRX100**
  Voice Tracking Control Interface

- **PTC-140NDI**
  (2) 20x HD PTZ Camera

- **PTC-145NDI**
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- **iCAST 10NDI**
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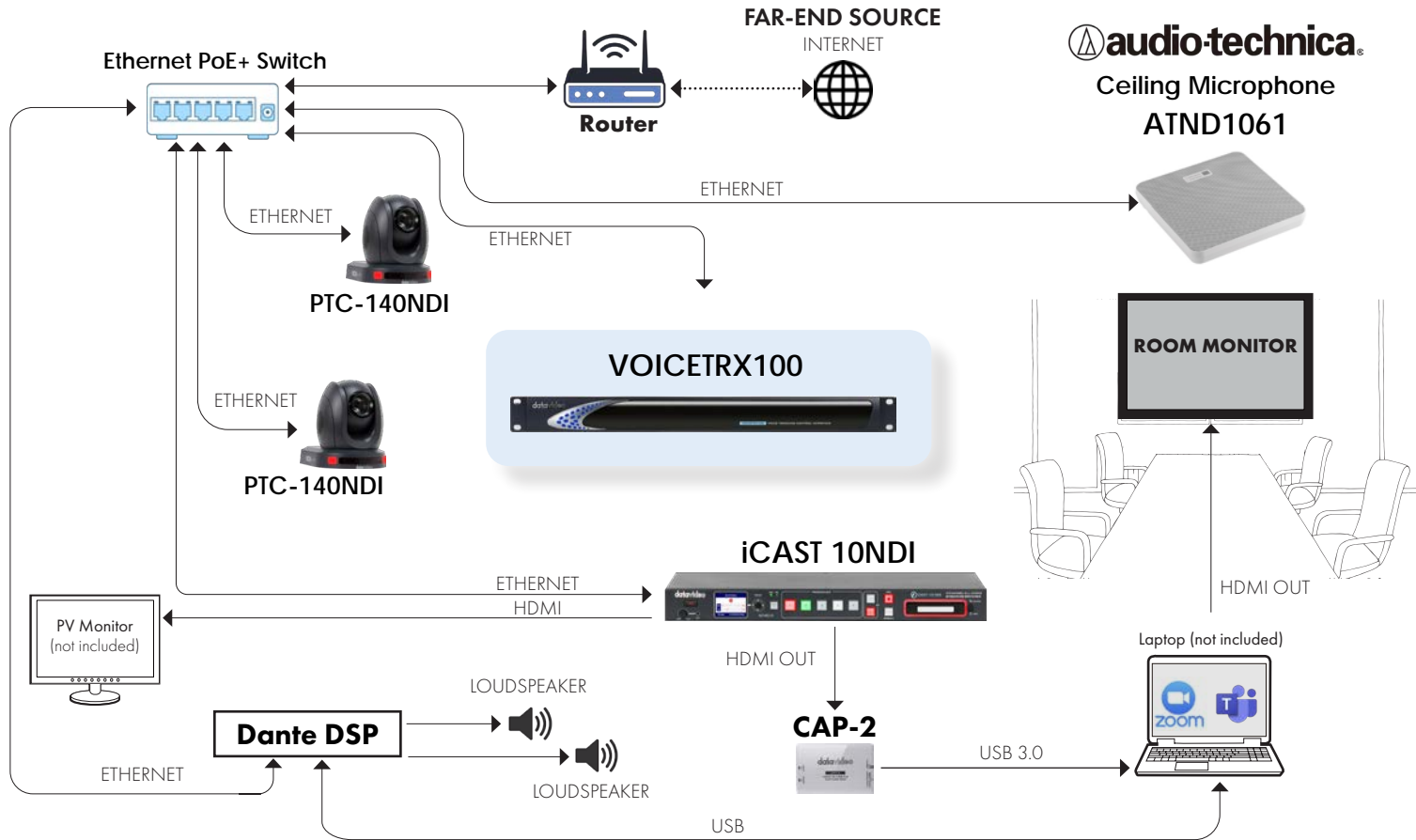
- **CAP-2**
  HDMI to USB 3.0 Capture Box

SENNHEISER

TeamConnect Ceiling
Microphone, TCC 2

Medium Conference Room

FAR-END SOURCE
INTERNET

Router

Ethernet PoE+ Switch

audio-technica®
Ceiling Microphone
ATND1061

ETHERNET

ETHERNET

PTC-140NDI

ETHERNET

ETHERNET

VOICETRX100

PTC-140NDI

ROOM MONITOR

iCAST 10NDI

ETHERNET
HDMI

PV Monitor
(not included)

HDMI OUT

HDMI OUT

Laptop (not included)

LOUDSPEAKER

Dante DSP

CAP-2

ZOOM

USB 3.0

ETHERNET

LOUDSPEAKER

USB

![datavideo logo]
www.datavideo.com

Datavideo products included in the workflow:

- **VOICETRX100**
  Voice Tracking Control Interface

- **PTC-140NDI**
  (2) 20x HD PTZ Camera

- **iCAST 10NDI**
  Hybrid Event Switcher

- **CAP-2**
  HDMI to USB 3.0 Capture Box

![audio-technica logo]

ANTD1061 Ceiling Mic

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
- RTMP, SRT, HLS dual streaming
- Video Resolution up to 1080p
- PoE+

PTC-145NDI

**HD Auto Tracking
PTZ Camera**

- 20x Optical Zoom
- RTMP, SRT, HLS dual streaming
- Video Resolution up to 1080p
- PoE+

PTC-285

**4K Auto Tracking
PTZ Camera**

- 12x Optical Zoom
- RTMP, SRT, HLS dual streaming
- Video Resolution up to 4K60p
- PoE+

PTC-305

**4K Auto Tracking
PTZ Camera**

- 20x Optical Zoom
- RTMP, SRT, HLS dual streaming
- Video Resolution up to 4K60p
- PoE+

Recommended Video Switchers
Datavideo's Conferencing Video Switchers

KMU-100+

4K Multicamera Processor

- Quad SDI, 6G-SDI or 12G-SDI
- HDMI 2.0 video Input with support for 2160p60
- 8 x 3G-SDI
- 2x HDMI 1.4

iCAST 10NDI

Hybrid Events Switcher

- Built-in streaming & recording with optional conference integration.
- Built-in PTZ camera control with presets.
- 1-SDI, 4-HDMI and UVC camera input.
- 2″ LCD displays settings and access for quick adjustments
- Character Generation

SENNHEISER

SHURE

audio-technica

Together with our technology partners Sennheiser, Shure, & Audio-Technica, Datavideo is bringing a complete audio and video controlling and switching solution to your conference rooms and huddle spaces. You can now share your meetings online without the need of a production team. Trademarks, Logos and brands mentioned belong to their respective owners and are utilized solely for identification purposes.

Choose Microphone Suited for your Application

Shure
MXA920

Sennheiser
TeamConnect Ceiling
Microphone, TCC 2

Audio-Technica
ANTD1061

Sennheiser
SL TABLESTAND 153-S DW
SL MCR 4 DW

Shure
MXW8

18

Recommended UVC Interface
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

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 Audio-Technica ANTD1061 Shure MXA-910/920 Sennhesier TeamConnect Ceiling Microphone, TCC 2 Sennhesier SL Tablestand 153-S DW, SL TABLESTAND 153-S DW SL MCR 4 DW

3 YEAR WARRANTY

Register for **3** year warranty

datavideo

Register your Product - for a FREE 3 YEAR WARRANTY - For further details visit www.datavideo.com -

One of the core values of Datavideo is service. To make sure that every user of Datavideo equipment has a trustworthy experience we do our utmost best, day after day, year after year. We are confident that our products give you reliable service and we seal at confidence by a one year warranty period.

On most products, it's possible to extend that warranty for extra two years after registering. Please make sure to register your Datavideo product directly after purchasing for a 3-year warranty.

Why Datavideo?

Datavideo is a global manufacturer of live video equipment for the broadcast and professional AV markets. What sets Datavideo apart from other video equipment manufacturer is that we specialize in end to end video production solutions for various vertical markets ranging from broadcast to worship to education, as well as, corporate and social media.

You will see in this product guide a wide range of products we offer for your live video production needs. Whether you are a novice video producer, who is learning live video production, or who's starting to learn about live production or a seasoned video professional, we have something you need in our product line.

We pride ourselves in making products that are high quality, but easy to use. It's a family of products that are designed to work together so that you never have to worry about the compatibility of your products. Our customers purchase our equipment with confidence in knowing that they are a solution to their video production needs.

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