

# UNITE® 180 4K Panoramic Camera



UNITE 180 ePTZ professional camera provides a full 180-degree panoramic field-of-view with “real-time stitching” to achieve a variety of useful viewing modes for any application and environment.

- > Designed for professional-quality visual collaboration, conferencing, UC applications, distance learning, and more, the new UNITE 180 camera provides six viewing modes for room and participant close-ups.
- > Display modes include:
  - Compose Mode** presents a panoramic view along with optional close-ups of up to eight people using people tracking.
  - Manual Mode** is a perfect option for focusing on a specific area of the meeting room.
  - Autoframing Mode** automatically frames participants in the room.
  - Grid Mode** uses people tracking to track each participant in a separate window showing up to four participants.
  - Speaker Mode** detects the presenter which is a particularly useful feature in classrooms.
  - Presentation Mode** features a content-sharing window on the main screen with a picture-in-picture floating window of the presenter.
- > Real-time stitching creates a seamless 180-degree panoramic view of wide spaces by bringing the views of multiple lenses together as one complete image.
- > Large classroom settings, training centers, or any wide conferencing area are all captured and presented with perfect clarity in any of the viewing mode options.
- > A 4x zoom enhances the UNITE 180 feature set.
- > The UNITE 180 is compatible with all popular cloud-based video collaboration applications including Microsoft Teams, Zoom, WebEx, Google Meet, ClearOne’s COLLABORATE Space and others.
- > Comes with a free 2-year support and maintenance warranty with additional extension options.

### APPLICATIONS

- PC-based Video Conferencing
- Web Conferencing
- Unified Communications

### WORKSPACES

- Small Meeting Rooms
- Large Meeting Rooms
- Classrooms

### Professional quality

Designed for professional-quality visual collaboration, conferencing, UC applications, distance learning, and more.



### High-Quality Desktop Collaboration

The UNITE 180 is compatible with all popular cloud-based video collaboration applications including Microsoft Teams, Zoom, WebEx, Google Meet, ClearOne’s COLLABORATE Space and others.

*Great Ideas Need to be Seen™*

### Display Modes

PanoStudio camera software supports six display modes.



#### Compose Mode

- Supports People Tracking
- Supports Voice Tracking that detects and tracks speaker



#### Manual Mode

- Focus on an area of the meeting room



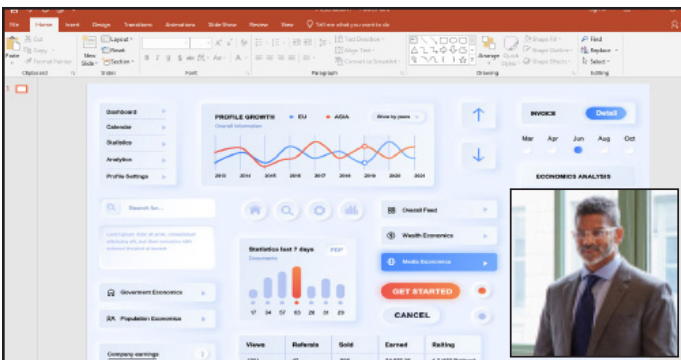
#### Autoframing Mode

- Digital Zoom and Pan to focus on the participants
- Auto-fit selected participants and auto detect best viewing angle
- People and Voice Tracking supported



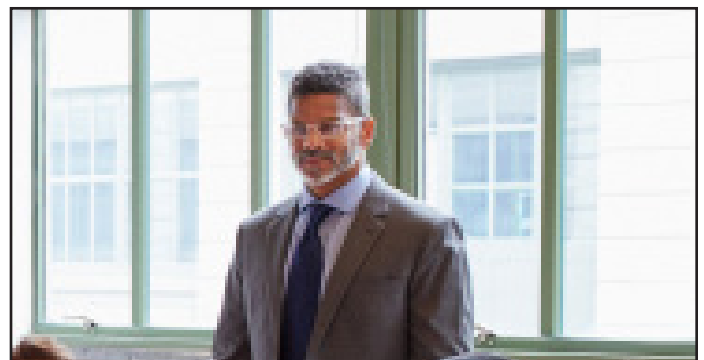
#### Grid Mode

- Show each attendee in separate window
- Identify and highlight a presenter using Voice Tracking
- People and Voice Tracking supported



#### Presentation Mode

- Share content with ability to manually select the window
- Presenter view at the bottom right hand side
- People and Voice Tracking supported

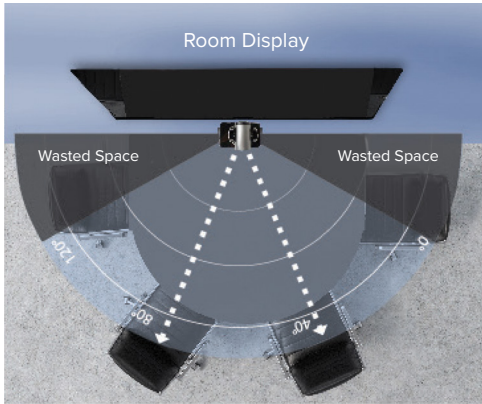


#### Speaker Mode

- Auto detect presenter using People and Voice Tracking

### Panoramic Field of View

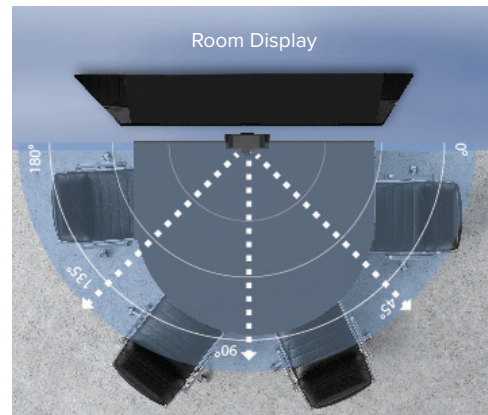
120° standard view with ePTZ camera



120 Degree



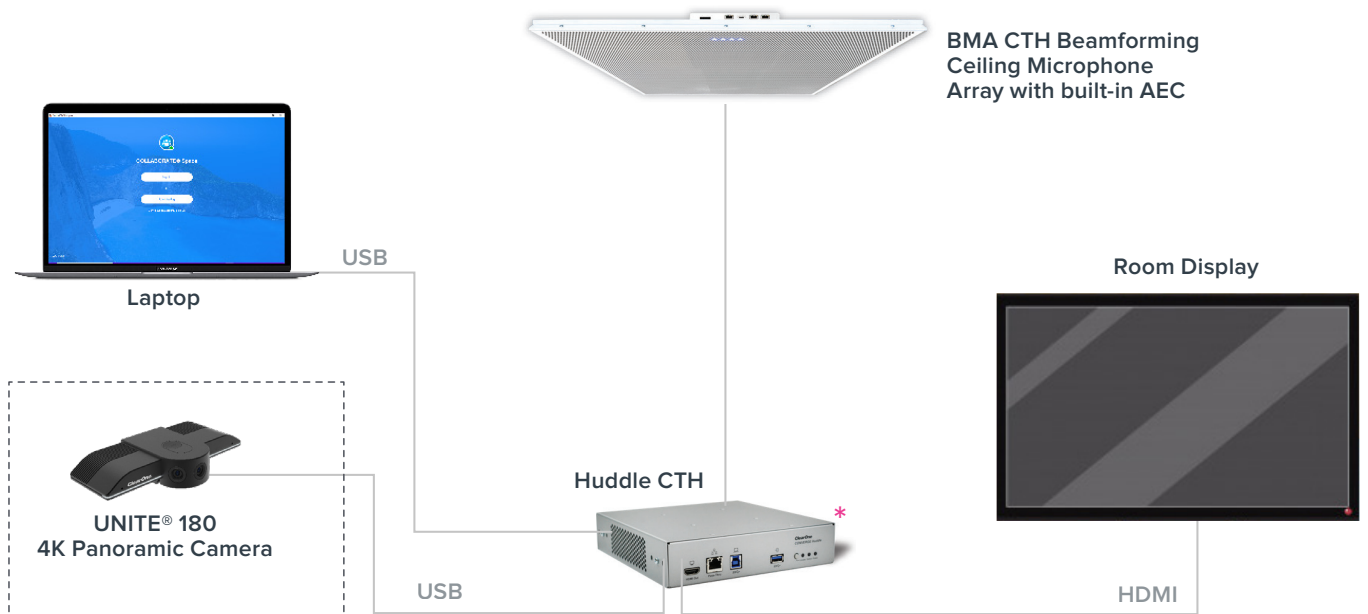
180° panoramic view with 4K UNITE 180



180 Degree



### Connection Diagram



\* Small enough to easily mount behind the room display

# UNITE® 180 4K Panoramic Camera

### 910-2100-180 UNITE® 180 Camera

#### INCLUDES

- Free COLLABORATE® Space lifetime subscription

#### VIDEO

- Max Resolution: 4K@30fps
- 180° FOV (H) and 60° FOV (V)
- Sensor: OV12D, 12MP, 1/2.5, 1.405
- Tilt Range: UP 15°, Down 15°
- ISP: AST1220
- Display Mode: Dynamic (Support Compose/ Focus/Grid/ Custom mode)
- Fixed Focus, 4X lossless zoom
- Focus Distance: 1.5m
- Aperture: 2.2
- Minimum Illumination: 10lux
- Distortion: low
- Stitching: Hyper-stitching (Adaptive real-time stitching)
- Color System / Compression: H.264/YUY2/MJPG

#### AUDIO

- Microphones: 2
- Pickup Distance: 13 feet
- Microphone Type: MEMS
- Audio Tracking: Yes
- Audio Algorithm: AGC, AEC, ANC, RRA (Reverberation Reduction Algorithm)

#### INTERFACE

- USB Interface: USB2.0(UVC, UAC), USB Type C
- Operating System: Windows® 7 (1080p and under only), Windows 8.1, Windows 10, MAC OS10.10 or higher
- Hardware Requirement: 2.4 GHz Intel® Core 2 Duo processor or higher, 2 GB RAM or more

#### POWER

- Input Voltage: 5V
- Current Consumption: 500mA
- Power Consumption: 2.5W

#### ENVIRONMENTAL

- Operating Temperature: 0° C - 40° C
- Operation Humidity: 10% - 90%RH
- Storage Temperature: -20° C - 60° C
- Storage Humidity: 10% - 90%

#### MECHANICAL

- Dimensions (WxHxD): 3.93 x 0.98 x 1.96” (100 x 25 x 50mm)
- Weight: 0.46lb (0.21kg)

## SALES AND INQUIRIES

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