



# DS-4CU

## Speaker Tracking Station



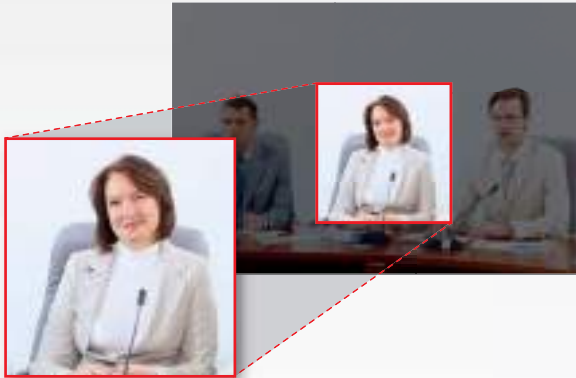
- Automatic Speaker-View Switch. Adds a Customized Graphic Automatically
- Taking the Meeting Experience and Efficiency to New Heights
- Support Auto-Switching and Conferencing Recording with AREC Media Station
- Perfect for Conference Rooms, Parliaments and City Halls

Coming with compatible Conference Microphone System and AREC PTZ Cameras, AREC DS-4CU Speaker Tracking Station enables all of the meeting participants can see the close-up view of the active speaker and a customized graphic together on the local screen clearly. Working with AREC Media Station, all the meeting and discussing content can be recorded completely with auto tracking and auto switching features. The architecture of AREC Speaker Tracking System is simple and can be installed quickly, providing more effective meetings and enhancing user experience.

## Main Features

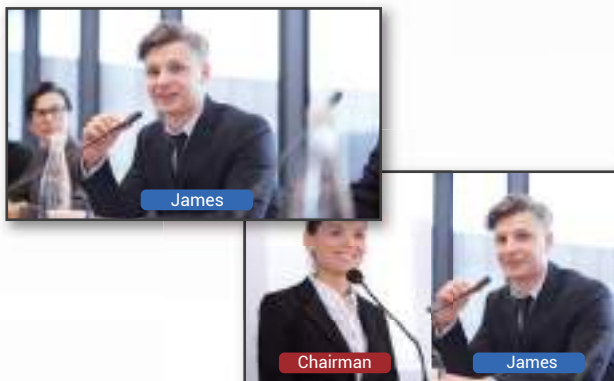
### Tracking and Focus on the Active Speaker

Coming with recommended Conference Microphone System and PTZ Cameras, AREC DS-4CU Speaker Tracking Station enables PTZ camera to track and focus the active speaker automatically and precisely when he/her presses the PTT (push-to-talk) button.



### Available for Customized Overlays and Output Layouts

AREC DS-4CU allows users to create customized output layouts (e.g. full screen and picture-by-picture) and add pre-made overlay graphics (titles) for individual speakers depending on the needs. With these features, all participants can see the close-up view and exclusive overlay on the local display clearly.



### Automatic Camera Switching and Conferencing Recording with AREC Media Station

Coming with AREC LS Series Media Station, AREC DS-4CU not only outputs speaker's sources, but it also switches the recording layout through the command for AREC Media Station control. When the conversation has been called off, AREC Media Station will go back to the original recording layout automatically.



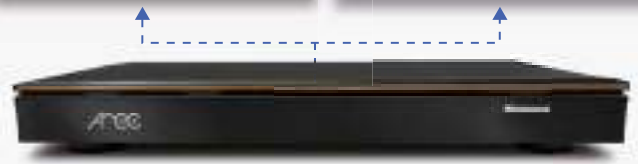
### Auto Switch and Auto Adding a Customized Overlay

DS-4CU supports camera switching, adding a customized overlay, and speaker's output automatically when active speaker's microphone button has been pressed. When the speaker finishes talking by pressing cancel button, DS-4CU can switch to the default setting automatically.

■ Speaker On



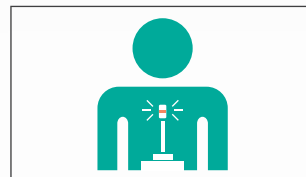
■ Speaker Off



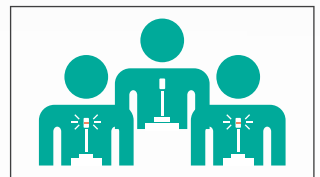
### Auto Switch to the Designed Conference View as Multi-Participants Speak\*

AREC DS-4CU Speaker Tracking Station can switch camera to the designated conference view when multiple participants press the PTT buttons and discuss at the same time. It supports multiple settings for flexible use.

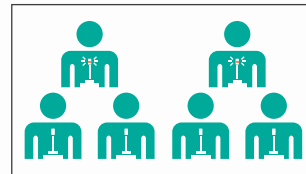
■ 1 Speaker Setting



■ Multiple Speakers from 1 Group



■ Multiple Speakers from Different Groups



### Available APIs for Easy Integration

AREC DS-4CU can be integrated with the compatible third-party conference microphone system and existing audio visual equipment in the meeting room via API command. AREC Speaker Tracking System is simple to set-up, making conference and meeting recording more productive and smart.



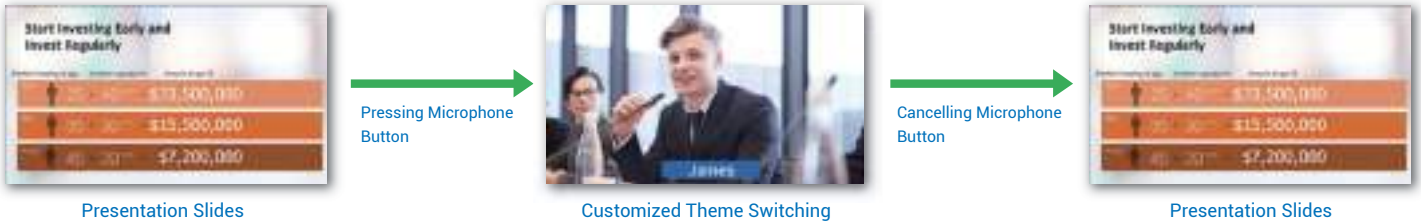
\* The third party conference microphone system should support related features.

# Versatile Automatic Switching

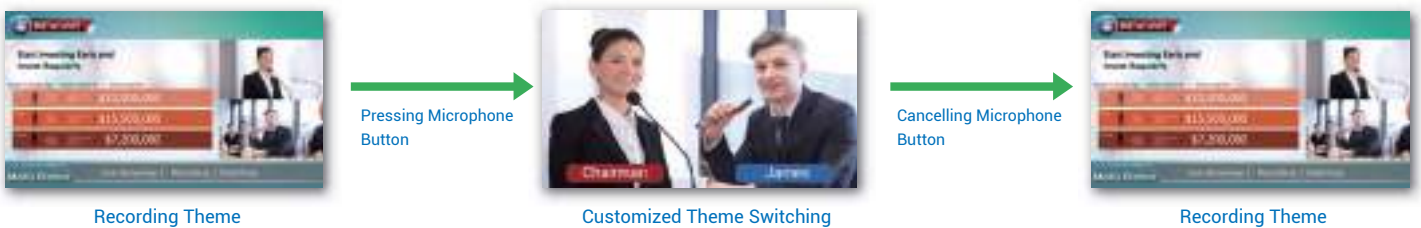
AREC DS-4CU Station by pressing microphone button allows:

- Automatic camera selection
- Automatic layout switching
- Automatic display of predefined themes (combinations of backgrounds, layouts, and overlays)
- Automatic recording themes switching (working with AREC Media Station)

## Local Display Switching (Available for Customization)



## Recording Source and Layout Switching (Available for Customization)



## System Diagram

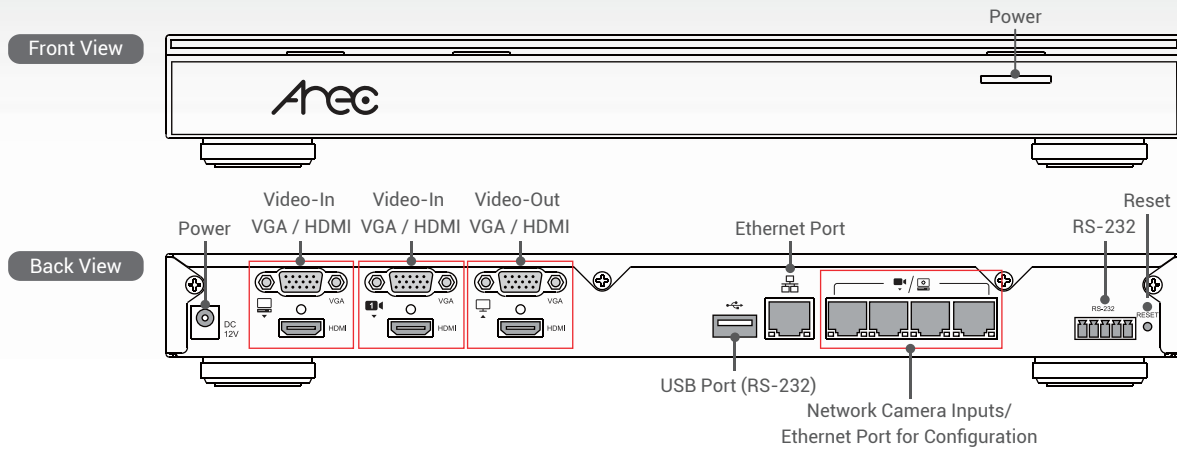
### Suggested Equipment

- PTZ Conference Camera x2 (Max. x4)
- AREC DS-4CU Speaker Tracking Station x1
- The Third-Party Conference Microphone System \*
- AREC LS Series Media Station x1 (optional purchase)



\* The third party microphone system should support related features.

## Product Interface



## Specifications

### AREC DS-4CU Speaker Tracking Station



|                         |                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Input Interface   | Max. 4 channels synchronized recording<br>HDMI / VGA: up to 2 channels Full HD network camera: up to 4 channels                                                  |
| Resolution Range        | HDMI : 480i~1080p60<br>VGA : 480i~1080p60<br>RTP/ RTMP/ RTSP, Max.: 1080p                                                                                        |
| Video Outputs           | 1x HDMI display port<br>1x VGA display port                                                                                                                      |
| Overlay Images          | Multiple for user-defined                                                                                                                                        |
| Video Output Layout     | Multiple layouts for pre-defined, including full screen / picture-in-picture / picture-by picture / multi-channel split screen                                   |
| Operation Control       |                                                                                                                                                                  |
| Camera Control          | VISCA/ PELCO-D/ PELCO-P/ ONVIF profile S                                                                                                                         |
| Mouse Device            | Through USB interface connection                                                                                                                                 |
| External Control        | Yes, supports RS-232 port and TCP API command for system integration                                                                                             |
| Output Switch           | Supports automatic output switching according to the setting of push-to-talk buttons with compatible conference microphone system                                |
| Recording Layout Switch | Supports automatic recoding theme switching according to the setting of push-to-talk buttons with compatible conference microphone system and AREC Media Station |
| Admin Management        | Built-in web-based admin backstage. Sending control command through TCP API                                                                                      |
| General Information     |                                                                                                                                                                  |
| Operation System        | Embedded Linux system                                                                                                                                            |
| Power Supply            | 12V/ 2A                                                                                                                                                          |
| Temperature/ Humidity   | 0~40°C / 90%                                                                                                                                                     |
| Dimension               | 354mm(L) x 188.2mm(W) x 46mm(H)                                                                                                                                  |
| Weight                  | 1324 g                                                                                                                                                           |

### Optional Products



#### AREC CI-22H PTZ Conference Camera

- 20x optical zoom, manual/ auto
- Output resolution: up to 1920x1080@60fps
- Video output: HDMI/ USB 3.0/ IP(RJ-45)



#### AREC LS Series Media Station

- Diverse optional models. 2-4 channels video inputs depending on the model
- Multiple recording layouts for user-defined, including full screen/ picture-in-picture/ picture-by-picture/ multi-channel split screen
- Supports user-defined background and overlay images



### Compatibility List of Third-Party Conference Microphone System

| Brand      | Model                                |
|------------|--------------------------------------|
| BOSCH      | CCS 1000 D Digital Discussion System |
| HAYACO     | Wireless WMS240-D                    |
| Sennheiser | ADN CU1 Digital Discussion Central   |
| SHOW       | DCS 100M Digital Conference System   |
| SHURE      | DDS 5900 Digital Discussion System   |
| Televis    | Plixus AE-R Audio Engine             |



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AREC reserves the right to modify product specifications without prior notice.