



DS-4CU

Speaker Tracking Station



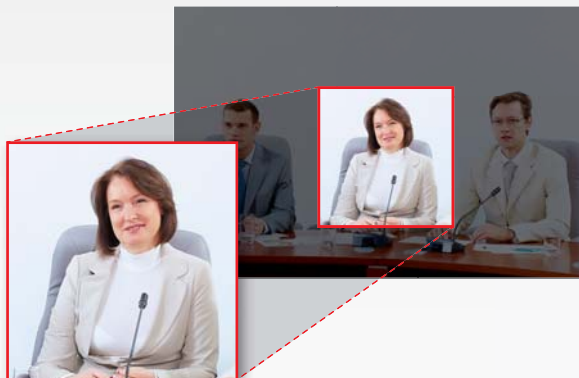
- Automatic Speaker-View Switch. Adds a Customized Graphic Automatically
- Switch and Output Full Room View Automatically When Multi-Participants Speak Simultaneously
- Support Auto-Switching and Conferencing Recording with AREC Media Station
- Perfect for Conference Rooms, Parliaments and City Halls

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.

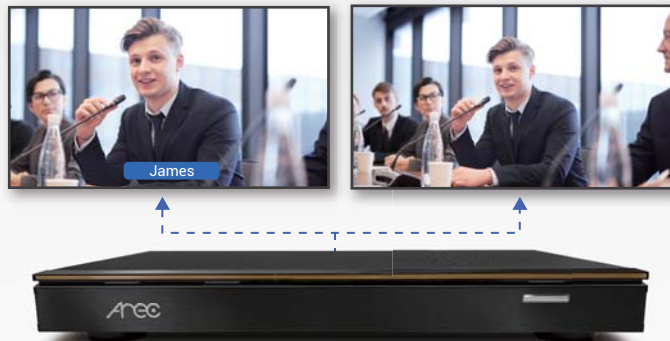


Auto Switch and Auto Adding a Customized Overlay

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

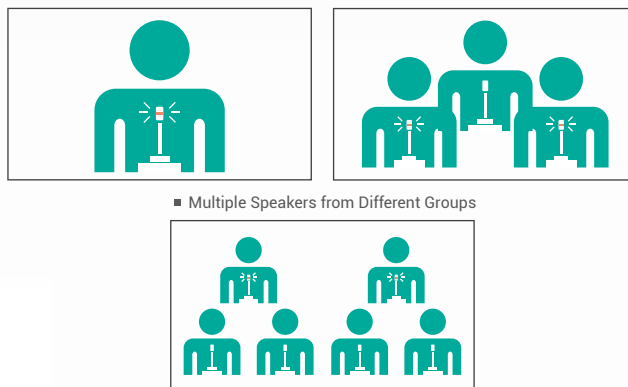


Auto Switch to the Designed Conference View as Multi-Participants Speak*

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



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 these features.

Versatile Automatic Switching

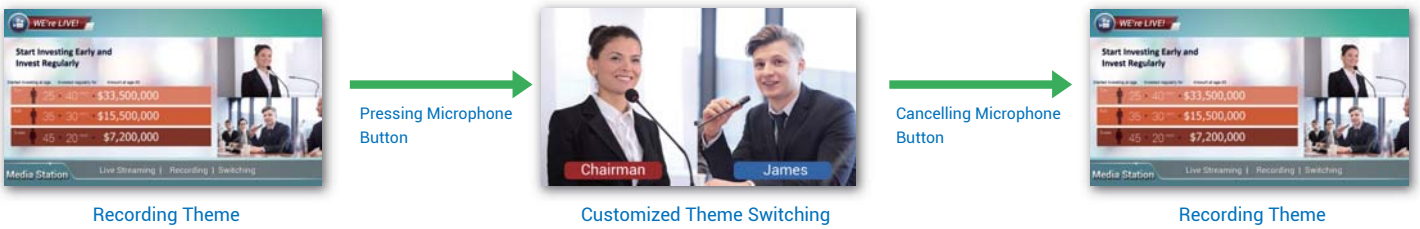
AREC DS-4CU Station by pressing microphone button allows:

- 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

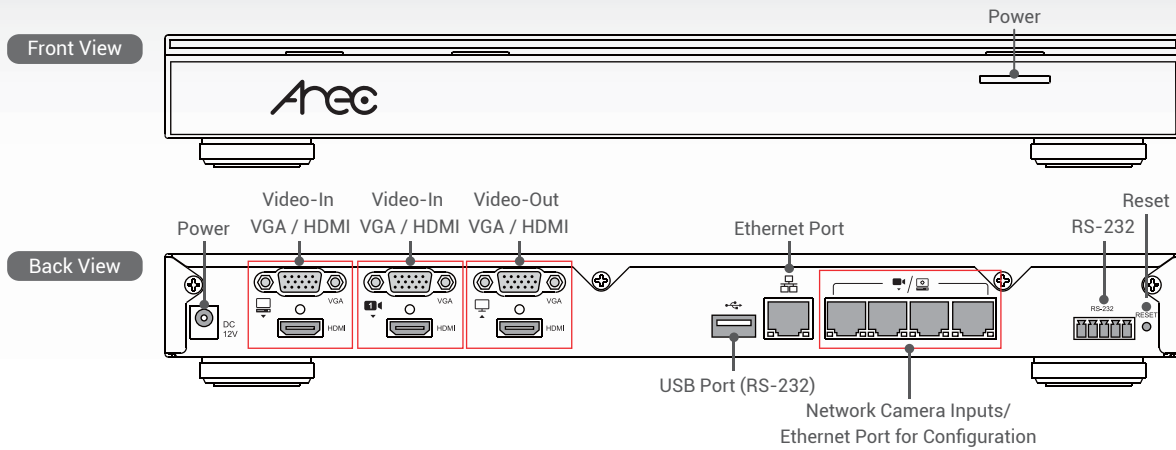
Suggested Equipment

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



* The third party microphone system should support these features.

Product Interface



Specifications

AREC DS-4CU Speaker Tracking Station	
Video Input Interface	Max. 4 channels synchronized recording HDMI / VGA: up to 2 channels Full HD network camera: up to 4 channels
Resolution Range	HDMI : 480i~1080p60 VGA : 480i~1080p60 RTP/ RTMP/ RTSP, Max.: 1080p60
Video Outputs	1x HDMI display port 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 CI-21H PTZ Conference Camera

- 10x 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



The Compatible Third-Party Conference Microphone System

* For the latest compatibility list, please contact your AREC sales representatives for the details.



AREC Inc. | sales@arec.com

Headquarters: Taipei, Taiwan Address: 3F, No. 367, Sec.2, Wenhua RD., Banqiao Dist., New Taipei City 220, Taiwan (R.O.C)
TEL: +886-2-8259-5060

Exclusive Representative in Europe, Africa, Latin America and CIS Countries

ADENA Limited | www.a-dena.com

E-MAIL: yakov@a-dena.com

TEL: +886-2-8712-1882

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