# Anec

AV-over-IP Solutions

Recording
Streaming
Tracking

Education / Business / Hybrid Environment / Webinars / Protocoling / Telemedicine / Houses of Worship / Live Events and many more...

Empowering an Intelligent Audio Visual Future for All

As a pioneer in the AV-over-IP field, AREC has a proud history of developing straightforward, complete systems that solve the needs of a variety of vertical markets. Our broad range of products includes lecture capture devices, camera and microphone-based auto-tracking systems, closed captions and translation systems, medical conferencing units, and other innovative solutions that fulfil your project needs.

Lecture Capture
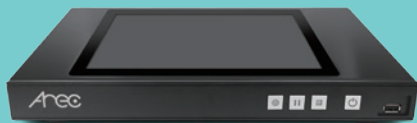
Media Station- The Swiss Army Knife of AV World

Encoder, Decoder, Switcher, Mixer, Lecture Capture – Media Station does it all and automatically saves your content on servers and cloud.

Auto-Tracking for Speakers and Presenters

Track seated and moving targets accurately via IR positioners or popular congress microphone systems.

IR and Microphone-based Tracking Systems

AI Transcription & Translation

Live Speech-to-Text Media Station

Caption, translate, record, and stream your speakers. Combine with a Media Station, Speaker Tracking Station, or use independently.

Medical Conferencing Solution

Point-to-point video conferencing, switching, annotation, recording, streaming, backup, remote management, and other features necessary for medical communication.

ARECare Station

More AVoIP

AVoIP Utility Stations

High-performance devices that ensure pristine audio and video signal transmissions over Ethernet networks at low bitrates.

Multi-Source Capturing	Video Production	Recording & Streaming	Remote Management	Easy to Integrate

AREC Media Capture System

Our solution is designed to make it easy to capture, mix, switch, record, stream, and deliver your video content to a wider audience, whether live or on demand, locally or remotely. The system is flexible and allows you to pick and mix the right hardware and software tools to achieve the needs and requirements of your scenarios.

All-in-One Media Stations

NDI|HX SRT READY

LS-860N

LS-400/ LS-300/ LS-200

NDI|HX

LS-US2N

NDI|HX SRT READY

LS-410

KL-3T

Tracking System and Cameras

DS-4CU

CI-T21H   CI-T10

Management APP and Cloud Service

AREC
ARECloud

ICM
AREC ICM

NAS VOD
NAS VOD

Station Manager

AREC Media Stations

AREC Media Stations are lecture capture devices that are made to capture, mix, switch, record, stream, and backup audio and video sources easily and efficiently. Depending on the model, they can support simultaneous recording of 2, 3, or 4 video channels and feature different input and output interfaces.
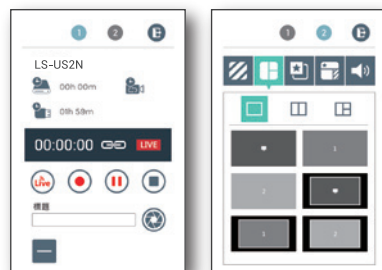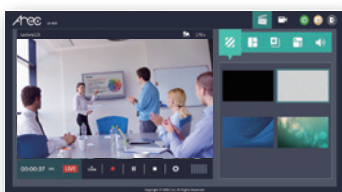

Video

Overlay/ Logo

+

Layout

+

Background

Integrated with

Google | kaltura | OPENCAST | Panopto
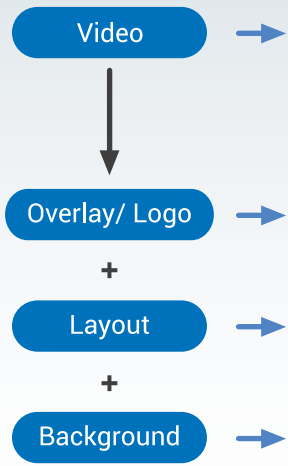
Versatile Control Options

- On-screen GUI with mouse/touch USB control

- Web-based Online Director

- Mini Controller for Mobile Devices

LS-US2N

00:00:00

- AREC Recording APK for Android Interactive Whiteboards*

301教室

Tooth anatomy

LIVE 00:00:00

10 : 00 AM
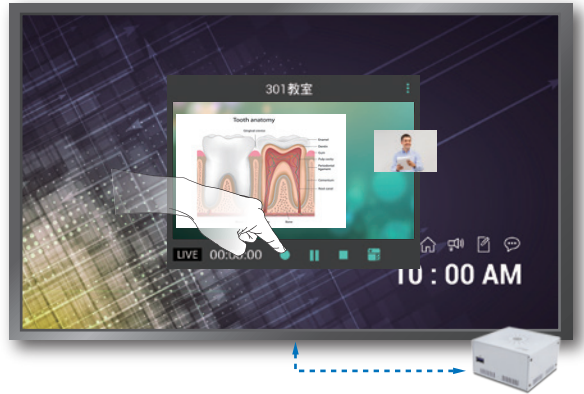
* Please consult with your vendor to confirm if your board is supported.

Local and Remote Storage

Built-in SATA 2.5" Storage

QNAP
Synology

NAS

Google
KALTURA
OPENCAST
Panopto

FTP/SFTP Backup
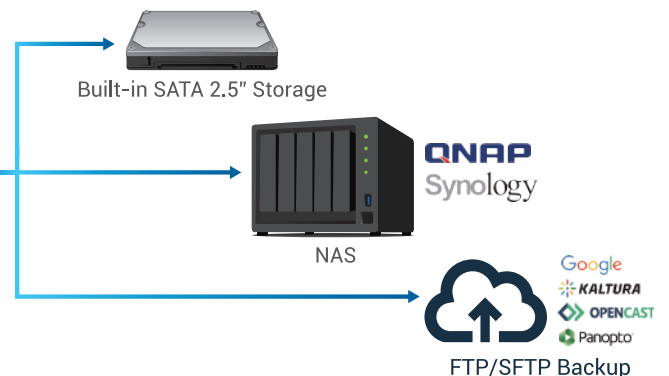
AREC IR Auto-Tracking PTZ Cameras

We developed and use infrared (IR) tracking technologies in our cameras to ensure that only the right tracking targets are followed even without configuration, straight out of the box. You can use the standard necklace positioner with front and back tracking, or a positioner that attaches to handheld microphones.
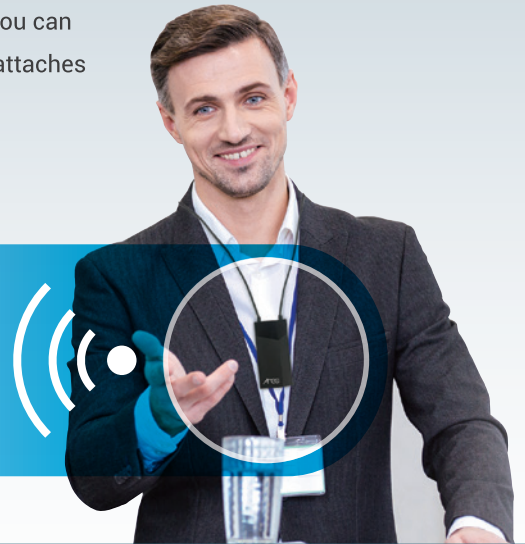
ITT Technology

Individual Target Tracking (ITT) Technology lets you track two different targets with two different AREC IR cameras in the same area. This is the perfect solution for tracking of multiple speakers or co-hosting scenarios.
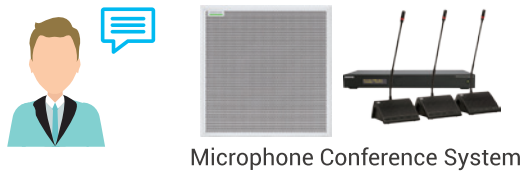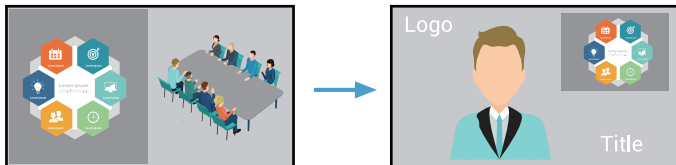
DS-4CU Speaker Tracking Station

Automatically switch camera presets, layouts, backgrounds, and overlays depending on the active speaker. Track up to 99 speakers with unique scenarios for each microphone and use up to 4 video sources like cameras.

Example of Auto Switching

From no speaker layout to the active speaker

From the active speaker to multiple active speakers mode

Microphone Conference System

Microphone Conference System
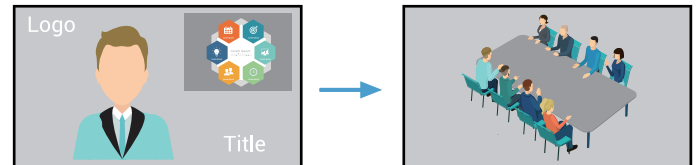
DS-4CU : active speaker example layouts

Custom Background

Integrated with Third-party Conference Microphone Systems

DS-4CU is integrated with select models from a number of popular congress microphone system brands. Please consult with your vendor to confirm which models are supported.

Audio-Technica   BOSCH   BXB   HAYACO

SENNHEISER   SHOW   SHURE   TELEVIC

AREC Management Software, Cloud and VOD Platform

AREC's hardware systems are further optimised for hybrid usage via software and API. Examples of the software include:

Station Manager

Through AREC Station Manager, users can carry out local and remote batch monitoring and control of stations. It is possible to switch recording/streaming themes, access preview, and initiate recording and streaming on multiple stations simultaneously.


ARECloud

ARECloud is a free cloud service that can help administrators remotely monitor and manage all AREC Media Stations from one place in real-time. It also supports batch recording control, preview, recording/streaming theme control, recording scheduling, and email alarm notifications, making it an all-in-one tool that doesn't need installation.
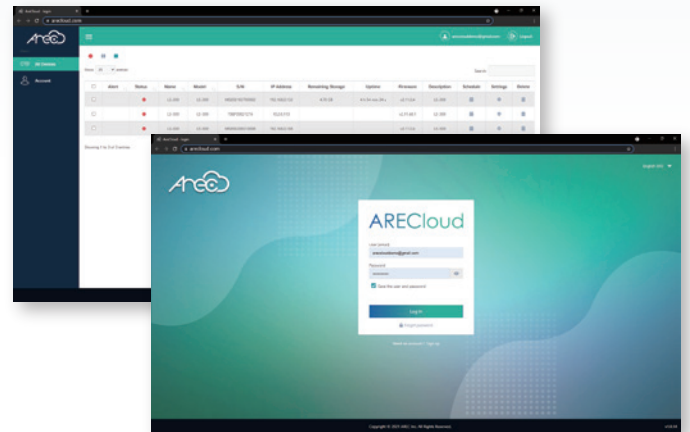
AREC ICM System (Private Cloud)

AREC ICM (Intelligent Classroom Management) System is a software-based device management tool that makes it easy to remotely monitor, control and manages AREC Media Stations in your organization. AREC ICM supports diverse features, such as group setting, recording/streaming themes switching, preview/monitoring and scheduling/manual recording.
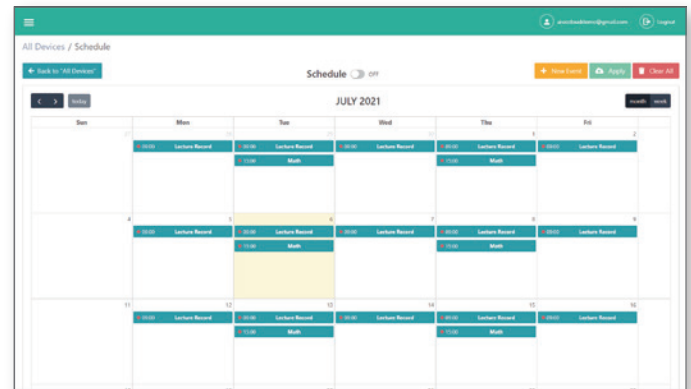
AREC NAS VOD

AREC NAS VOD is a simple and convenient video content sharing solution for your organization. Its primary function is to let users store, manage, and share all videos recorded by AREC Media Stations via the software interface. AREC NAS VOD does not contain unnecessary advertising and delivers a high-quality VOD experience without major investments. It can be installed on the most popular NAS brands, Synology and QNAP, and only requires a one-time set up fee.

AVoIP. Communication. Flexibility

In addition to the main product lines, we also develop a variety of AV solutions for specific market needs in telemedicine, broadcasting, and other areas.

ARECare Medical Conferencing
MV-01S | MV-01U | MV-01C

- 3 different kinds of I/O hardware to choose from
- Units can work in Presenter or Viewer modes and ensure two-way communication
- Units allow point-to-point video conferencing, screen switching, annotation, recording, streaming, backup, and remote management.

AREC DS-X01 and DS-X09 Decoder Stations

- DS-X09 can decode and mix up to 9 1080p IP streaming inputs from 96 RTMP/RTP/RTSP/NDI|HX streams and output it via HDMI.
- DS-X01 can decode one 1080p IP streaming input from 99 RTMP/RTP/RTSP streams and output it via HDMI or VGA.

AREC DS-MT1 Multicast Transceiver System

- HDMI 2.0 and SDVoE (10Gbps over IP) Multicast Transceiver
- A complete Ultra-HD 4K2K@60 (4:4:4) video broadcasting solution for many 4K requirement applications, such as medical care, digital signage, etc.
- Supports Bi-directional IR, RS-232, audio extender/extractor, USB & video wall support

Recent AREC Success Stories

Education

- KAZGU
- Catholic University
- CEN Białystok
- Kyiv University
- UNED (National Distance Education University)
- University of Lucerne
- Osnabrück University
- CESA (College of Higher Administration Studies)
- Kementerian Pendidikan, Kebudayaan, Riset, dan Teknologi

Events

- Comedy Zoo
- G20 India Conference Room
- FGD
- Election Campaign Streams
- Espoonlahden Kirkko (Church of Espoo)

Corporate

- Hydrogen Europe
- Ernst & Young
- Nestle
- BeGuru Courses
- ENEL
- SCORE Alarm
- BCA Learning Institute

Government

- MAEUEC (Ministry of Foreign Affairs, European Union and Cooperation)
- Conseil Communal (Community Council) Leuze-en-Hainaut
- Jēkabpils novada pašvaldība (Municipality Government)
- East Devon Council
- Trafford Council Hall
- Ministry of Finance
- Ministry of Innovation

Healthcare

- Pfizer
- Lodge Dental
- Danish Nurses Association
- Emergency Hospital in Astana
- Dakar University (Medical Simulation Center)
- Oncology Centre of the Kaliningrad Region

- Exclusive Representative in Europe, Africa, Latin America and CIS Countries
- Indonesia
- India, Nepal, and Bhutan
- Thailand

ADENA

BOLAMAS INDAH NUSANTARA

TRANSCON SOLUTION

MACROCARE™