

REA-C1000 Edge Analytics Appliance

Edge Analytics Appliance



Overview

Grab your audience's attention and increase their engagement with intelligent video analytics technology.

Transforming communication

Edge Analytics Appliance creates impactful video presentation content that previously would have required significant time, expense, and human resource to produce. With Artificial Intelligence-led technology, the REA-C1000 vastly improves the quality of communication by empowering the presenter to deliver content and to engage their audience like never before.

Note: This product contains pre-installed software and requires the purchase of license keys to activate some functions. After a free 60-day trial period, each feature can be activated permanently through purchase of separate licenses,* providing users with the freedom to customize features based on their individual needs and budget.

Features

Handwriting extraction technology

No matter where the speaker is standing, the handwriting extraction feature ensures that any words and diagrams written on a board or screen remain in full view to the audience — via AR (augmented reality).

Even if the speaker is standing directly in front of the board, their ideas, thinking process, and even their animated presentation is all accessible to the audience. It's also easy for remote viewers and those playing back the presentation at a later date to become immersed in the content too, as the presenter is overlaid and the content is never compromised.

Chromakey-less CG Overlay

The Chromakey-less CG Overlay feature enables the presenter to deliver impactful supporting content, in real-time without a dedicated studio or specialized content creators.

Users can autonomously create specific animated imagery, still pictures, and supporting graphics, which provide an easy backdrop to their presentation.

A virtual camera operator at your fingertips

AI-driven automatic control of output image offers hassle-free shooting and efficient workflow to meet increasingly difficult and diverse shooting opportunities.

Stay in the frame with PTZ auto-tracking

The REA-C1000 can accurately and smoothly track a presenter, to ensure they stay in focus and within the frame throughout their presentation. This feature offers users a cost-effective tracking solution in an education, corporate, or conference setting, without having to invest in a camera operator.

Focus Area Cropping — in Full HD

With Focus Area Cropping, an image from one camera can be simultaneously shown as two different output images. The user can choose to select a cropped image from the main still 4K image. What's more, the cropped area is selectable to be static or dynamic to follow the speaker's movement.

Involve your audience

REA-C1000 technology can detect and react to the gestures of audience members participating in your presentation. For example, when an audience member stands up, the REA-C1000 can trigger the camera to electronically auto-zoom-in to that person, which is particularly useful in education environments to measure students' reaction and in corporate presentation settings, such as during a Q&A session.

Edge Analytics System Workflows

Our REA-C1000 Edge Analytics Appliance unit is compatible with our network cameras, and these can be connected to the software box to capture the live presentation. The Edge Analytics box transmits the video images captured by the camera—straight to the display or recording device. This enables the in-built handwriting extraction technology to be used easily without any distraction to the presenter.

Specifications

Specifications	
Handwriting Extraction	REA-L0100 license required. (60-day trial license is built-in as default)
PTZ Auto Framing / PTZ Auto Tracking	REA-L0200 license required. (60-day trial license is built-in as default)
Close-up by Gesture	REA-L0300 license required. (60-day trial license is built-in as default)

Chromakey-less CG Overlay	REA-L0400 license required. (60-day trial license is built-in as default)
Focus Area Cropping	REA-L0500 license required. (60-day trial license is built-in as default)
Fixed Area Cropping	Crop the static area of the whole view at once.
Intuitive Web-based User Interface	Supports Google Chrome Ver. 70 or later.
HDMI IN 1	Up to 4K 30p (3840 × 2160/29.97P, 25P)
HDMI IN 2	Up to FHD 60p (1920 × 1080/59.94P, 50P)
HDMI OUT 1	[EDID]: Automatically determine and output a video image that is compatible with the connected output device. Up to 4K 30p (3840 × 2160/29.97P, 25P)
HDMI OUT 2	[EDID]: Up to FHD 60p (1920 × 1080/59.94P, 50P)
Network (LAN)	RJ-45 (1000BASE-T)

DC power input	12V5A (required 3rd party AC Adapter)
MIC IN	Stereo, 0.14 inch mini jack
HDMI Embedded Audio	Supported
RTSP, RTMP streaming	H.264 (Up to 1920 30P)
IPv4, IPv6	Internet Protocol version
Role-based Authorization	Access permissions of one administrator and nine general users
Access Restrict	Configure the security function to restrict the computers that can access the unit
Dimension/Mass	Height: 3.82 in, Width: 5.55 in, Depth: 3.58 in/Approx. 1.87 lb
Operating temperature	5 °C to 40 °C (41 °F to 104 °F)

Related products



BRC-X1000

Premium 4K30P PTZ Camera with 12x optical zoom and uncompromising broadcast picture quality



SRG-120DH

Full HD remotely operated PTZ camera



BRC-H800

Premium Full HD PTZ Camera with 12x optical zoom and uncompromising broadcast picture quality



BRC-X400

Premium 4K30P IP PTZ Camera with 30x (w/CIZ) zoom and NDI®|HX capability for use in a wide range of environments



SRG-X400

Standard 4K30P IP PTZ Camera with 30x (w/CIZ) zoom and NDI®|HX capability for a wide range of applications



SRG-X120

Standard 4K30P IP PTZ Camera with 12x optical zoom and NDI®|HX capability for a wide range of applications



SRG-XP1

Compact 4K60P IP POV Remote Camera with a 101° wide viewing angle lens



SRG-XB25

Compact 4K60P IP BOX-style Remote Camera with 25x optical zoom



SRG-300H/W

Full HD remotely operated PTZ camera



ILME-FR7

Cinema Line Full-frame PTZ Interchangeable Lens camera with 15+ stop dynamic range, 4K (QFHD) high-frame-rate 120fps, Fast Hybrid & Real-time Eye AF, and S-Cinetone™ color science

SRG-A40

PTZ Auto Framing Camera with AI Analytics, 30x (w/ CIZ) zoom, and NDI®|HX capability

SRG-A12

PTZ Auto Framing Camera with AI Analytics, 12x optical zoom, and NDI®|HX capability

SRG-X40UH

Standard 4K30P PTZ Camera with 30x (w/ CIZ) zoom and simple UVC or HDMI

connection

Gallery

