REA-C1000 Edge Analytics Appliance

Edge Analytics Appliance

Overview

Edge Analytics Appliance creates impactful video presentation content which 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 licence keys to activate some functions. After a free 60-day trial period, each feature can be activated permanently through purchase of separate licences*, providing users with the freedom to customise features based on their individual needs and budget.

Features

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.

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

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

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

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.

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.

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.

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 technology to be used easily without any distraction to the presenter.

Specifications

Specifications	
Handwriting Extraction	REA-LO100 license required. (60-day trial license is built-in as default)
PTZ Auto Tracking	REA-LO200 license required. (60-day trial license is built-in as default)
Close-up by Gesture	REA-LO300 license required. (60-day trial license is built-in as default)
Chromakey-less CG Overlay	REA-LO400 license required. (60-day trial license is built-in as default)
Focus Area Cropping	REA-LO500 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, ø3.5 mm 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: 97mm , Width: 141mm , Depth: 91mm / Approx. 0.85kg
Operating temperature	5 °C to 40 °C (41 °F to 104 °F)

Related products

SRG-120DH

Full HD remotely operated PTZ camera

SRG-300H

Full HD remotely operated PTZ camera

BRC-X1000

4K Pan Tilt Zoom camera with 1.0-type Exmor R CMOS sensor (colour availability may vary by country)

BRC-X400

IP 4K Pan-Tilt-Zoom Camera with NDI® *|HX capability

SRG-XP1

Compact 4K 60p POV remote camera with wide angle lens

BRC-H800

Full HD Pan Tilt Zoom camera with 1.0-type Exmor R CMOS sensor (colour availability may vary by country)

SRG-X120

IP 4K* Pan-Tilt-Zoom Camera with NDI® **|HX capability

SRG-XB25

Compact 4K 60p BOX-style remote camera with 25x optical zoom

SRG-X400

IP 4K* Pan-Tilt-Zoom Camera with NDI® **|HX capability

Gallery