ACE-2000

AUTOMATIC CAPTIONING ENGINE

Features:

- RS 232 Captioning

- IP Captioning

- Remote GUI

- Event Scheduler

- AES Input

- Analog Audio Input

- SDI Embedded Audio Input

- HDMI Embedded Audio Input

- 2 thru 4 Line Roll-up Captions

- Selectable Caption Location

The ACE-2000 is an Automated Captioning Engine that will receive audio containing speech and send out captioning data to be encoded by a closed captioning encoder. The unit uses a cutting-edge computational linguistics program to convert speech to text and then sends that text out with captioning data. The captioning data and text can be sent out by either RS 232 (Serial) or TCP/IP.

SDI, HDMI, AES, or Analog Audio Input

The ACE-2000 can receive audio input from one of several sources. It can de-embed the first two channels of audio from an SDI input or an HDMI input. Balanced AES or balanced analog audio are other sources that the system can receive audio from. The system can receive streaming audio using http, tcp, udp, mmsh, and most types of rstp and rtmp, supporting the most commonly used codecs. The Link Audio over IP (AoIP) Player can also be used as an audio source. *The player is available on the Link Electronics web site www.linkelectronics.com*

Remote GUI and Event Scheduler

The ACE-2000 has a web based Graphical User Interface (GUI) that allows remote control of the system. The GUI contains an event scheduler that allows you to use different audio inputs and caption outputs at different times. The unit comes preset with standard audio and caption data outputs for Link encoders making the setup for this device simple. A keyboard, mouse, and monitor are required to change the settings from the standard setup. The ACE-2000 will be configured to run (plug and play) by default. The configuration may be adjusted at customer request.

The ACE-2000 is also available in two convenient bundles; the ACE-2000/492 including Link Electronics SCE-492 Superior Caption Encoder, and the ACE-2000/494 including Link Electronics Audio over IP Caption Engine for a complete automated captioning and encoding solution.

Exceptional Technical Support

The ACE-2000 is backed by Link Electronics 1-year warranty and 24/7 free customer support. It meets the innovative, high performance, flexibility, and reliability requirements of all Link Electronics products.

2360 N. High Street, Ste 10 Jackson, MO 63755
www.linkelectronics.com
© 2017 Link Electronics All Rights Reserved

Phone: (800) 776-4411
Fax: (573) 204-4554

ACE-2000
AUTOMATIC CAPTIONING ENGINE

Audio Inputs (one at a time):

AES: .... One Balanced XLR Female
Analog: .... Two Balance XLRs Female (Left and Right)
SDI Embedded: .... One 75 Ω BNC
HDMI Embedded: .... One Type A Receptacle

Caption Data Outputs:

RS 232: .... DE-9 (DB9) Male
Ethernet: .... TCP/IP

Internal:

CPU: .... Intel I7 8th Generation
RAM: DDR4
Drive: .... SATA 3 (6 Gb/s) Solid State Drive
Operating System: .... Windows 10 IoT Enterprise LTSB (Windows 10 Embedded)
Power: .... ATX 500W Switching Power Supply (Redundant Optional)

Rear Panel:

USB 3.0: .... Four Type A
USB 2.0: .... Two Type A
Ethernet: .... RJ-45, Intel Gigabit LAN
Monitor (not included): .... HDMI, DVI-D
Keyboard & Mouse (not included): .... One PS/2 or USB
Rack Mount Monitor, Keyboard, and Mouse: .... Optional
Rack Mount Sliding Rails: .... Optional

Front Panel:

USB 2.0: .... Two Type A
Power Switch: .... Rocker
Reset: .... Push Button
Power indication: .... Blue LED
Drive Activity: .... Red LED
Lock: .... Limit Access to Switches and USB

Environment:

Ambient: .... 0° C to 60° C
Relative Humidity: .... <95% non-condensing

Mechanical:

Height: .... 3.5 Inches (2 RU)
Width: .... 17.5 Inches
Depth: .... 19.0 Inches
Weight: .... 26.5 Lbs