



# ACE-2000

## Live Automatic Captioning Engine



### Automatic Captioning Engine

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, AES, Analog Audio, or Streaming 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 or HDMI input. Balanced AES, balanced analog audio, and audio from a streaming source are other ways that the system can receive audio.

### 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.

### Exceptional Technical Support

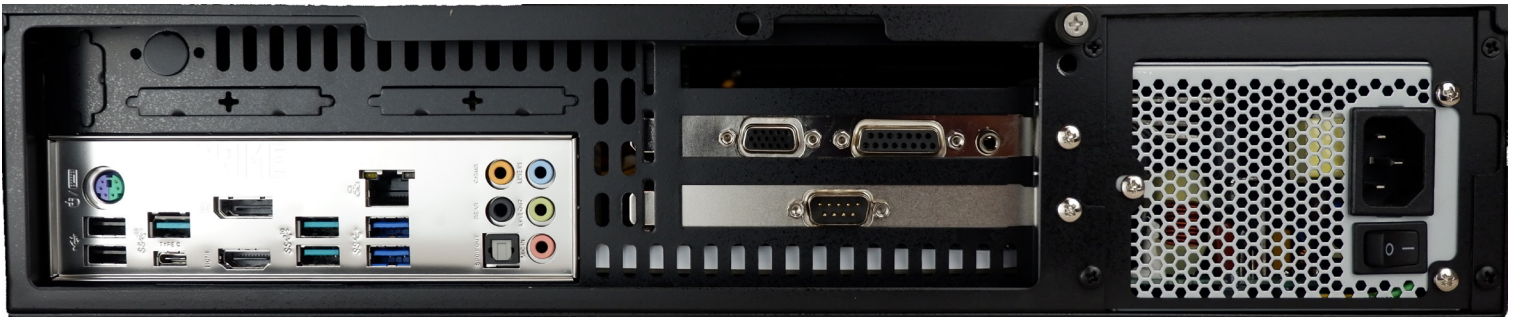
The ACE-2000 is backed by Link Electronics 1-year warranty and 24/7 free customer support. It meets the innovative, high performance, flexibility, and reliability requirements of all Link Electronics products. The ACE-2000 is available in a convenient bundle; the ACE-2000/492 including Link Electronics SCE-492 Superior Caption Encoder.

## Features

- RS 232 Captioning
- IP Captioning
- Remote GUI
- Event Scheduler
- SDI, HDMI, Analog, AES, Streaming Audio Inputs
- Selectable Caption Location and customization

- Multi-language Captioning
- Speaker Identification
- Integrates with ENPS/MOS, iNews, and Dalet
- Real Time Translation

- Integration with AWS and Google Cloud
- Supports Streaming with YouTube, Facebook and other platforms
- Exports Video and CC for VOD platforms



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### 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 9th 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 3.1 Gen 2: ..... One Type A
- USB 3.1 Gen 2: ..... One Type C
- USB 3.1 Gen 1: ..... Two for Data Storage Only
- USB 2.0: ..... Two Type A
- DisplayPort: ..... One
- Ethernet: ..... RJ-45, Intel Gigabit LAN
- Monitor (not included): ..... HDMI, DisplayPort
- 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: ..... 19 Inches
- Depth: ..... 20.8 Inches
- Weight: ..... 26.5 Lbs



The manufacture reserves the right to change specifications without notice

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