



# ACE-2200/ENC

Live and Post Production Automatic Captioning Engine with built-in Encoder Card



The ACE-2200/ENC is a server based Automatic Captioning Engine that encompasses the features of both the ACE-2000 and ACE-2100 in one unit and includes a built-in caption encoder card. It is able to be used with or without an internet connection depending on the needs of the user. Using a cutting edge computational linguistics program, the ACE-2200 processes speech into text accurately and quickly. The ACE-2200 is capable of live captioning from one of multiple live sources, as well as being able to caption in post production, however, both programs cannot run simultaneously. This unit provides a one stop captioning solution for both live captioning and post production captioning. The ACE-2200 includes all of the features found in the ACE-2000 and ACE-2100 such as a user friendly web based Graphical User Interface(GUI), Event Scheduler/Task Manager, and Selectable On-Screen Caption Location.

The ACE series US English dictionary is made up of over 500,000 words with daily language model updates to the unit when connected to the internet. The language models are continuously updated by scanning websites and internal processing of audio during system set up. Users can also load unique vocabulary such as, names, cities and geographical locations. The ACE series is also capable of translating from English to Spanish, live, without an internet connection.

## ACE-2000

When using the ACE-2000 software, the unit will receive audio from multiple sources including SDI, HDMI, AES, or from streaming audio and converts the audio speech into text captioning data automatically. It is able to achieve an average of 95 percent accuracy in English and Spanish with an average delay of 3-5 seconds. Caption processing includes, 24 hour scheduling, event creating, task creation, speaker identification, and more. Speaker identification processes voice prints of speakers to create identification tags used to denote individual speakers within the captions.

## ACE-2100

The ACE-2100 software is able to take audio or audio/video files and create a transcription of the captioned file for editing and archiving. Using the built-in caption editor, creating a fully corrected and time-stamped transcript is easy and convenient. The edited caption file will then sync with the audio content for a more accurate and faster captioning experience.

## Exceptional Technical Support

The ACE-2200 includes a 1-year warranty with 24/7 free customer support from Link Electronics' engineering team. Support for the ACE Series includes assistance with system set-up, training, customization, software updates and hardware coverage. The ACE series products meet the innovative, high performance, flexibility, and reliability requirements seen in all products manufactured and supported by Link Electronics.

## ACE-2000

- RS 232 or IP Captioning
- Event Scheduler
- Integrates with ENPS/MOS, iNews, and Dalet
- Real Time Translation
- Supports Streaming with YouTube, Facebook and other platforms

## ACE-2100

- Uses Most Popular Media Files and Codecs
- CC Align
- Multi-language Captioning
- Watchfolder Setup
- Speaker ID Creation
- Faster than real time caption processing

## ACE-2200

- Server Based
- Remote Web GUI Task Scheduler
- Selectable Caption Screen Line Location
- Windows 10 IoT



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## ACE-2000 Specs:

### Video Input:

SDI Embedded: ..... One 75 Ω BNC  
 Ethernet: ..... TCP/IP

### Caption Data Outputs:

SDI Embedded: ..... Two  
 (one encoded output and one decoded output)  
 Ethernet: ..... TCP/IP

## ACE-2100 Specs:

### Audio Inputs:

Audio/Video or just Audio File(s): Most popular Media Files and Codecs

### Transcription Outputs:

Document: ..... .docx or .txt  
 Closed Caption: ..... SCC or .MCC  
 SubRip (SRT) file: ..... HTMLSRT, Spruce, Matroska, Matroska with time stamp  
 Final Cut Pro X 1.5: ..... FCPXML  
 Avid DS: ..... AVID  
 Others: ..... JW, PAC, XMP, ASS, SMPTE, EBU, TTML and more

### Media Injection:

SCC: ..... MKV, MPG, MP4, MXF, MOV  
 MCC: ..... MKV, MPG, MP4, MXF, MOV  
 SRT: ..... MP4, MKV  
 ASS: ..... MP4  
 SSA: ..... MP4  
 FLVCUEPOINTS: ..... FLV  
 XMP: ..... ASF, WMA, WMV, FLV, AVI, WAV, AIFF, MOV, MP4, MP3, MP2, F4V, MXF, M2T, M2TS, TS, PS, VOB, 3GP, MKV, MK3D, MKA, MKS, WEBM

## ACE-2200 Server Specs:

### Internal:

CPU: ..... Intel I7 11th Generation  
 RAM: ..... DDR4  
 Drive: ..... SATA 3 (6 Gb/s) Solid State Drive  
 Operating System: ..... Windows 10 IoT Enterprise LTSC (Windows 10 Embedded)  
 Power: ..... SGX 650W Switching Power Supply

### Environment/Mechanical:

Ambient: ..... 0° C to 60° C  
 Relative Humidity: ..... <95% non-condensing  
 Height: ..... 3.5 Inches (2 RU)  
 Width: ..... 17.5 Inches  
 Depth: ..... 19.0 Inches  
 Weight: ..... 26.5 Lbs

### Rear Panel:

USB 3.2 Gen 2: ..... Two Type A  
 USB 3.2 Gen 1: ..... Two Type C  
 USB 2.0: ..... Two Type A  
 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