



# ACE-2100

## Post Production Automatic Captioning Engine



The ACE-2100 is a server based automatic speech recognition system that uses a cutting-edge computational linguistics program to process speech into text from audio content. For post production purposes, the ACE-2100 is the perfect solution for rapid processing of audio/video files with high accuracy, no latency, and customizable file options.

### Server Based Solution

The ACE-2100, like all ACE series products, is an on-premise solution that does not require an internet connection to function. Although an internet connection is not required, connecting to a network provides streamlined workflows and remote GUI access. Once a file has been processed, the textual transcription files can be reviewed, edited, and customized with options such as speaker identification, number of characters per line, number of lines visible and more. Some of the file types include text files, caption files, subtitle files, or time coded text files.

### Intuitive GUI with Extensive Customization

The ACE-2100 system has a user-friendly web Graphical User interface (GUI) where you can perform all relevant tasks and administrative functions. Tasks include, general transcription processing, creation of speaker identification, and closed caption alignment. Speaker identification processes voice prints of speakers to create identification tags used to denote individual speakers within the transcription. As an administrator, users can be created and set up with unique parameters, tailoring the use of the ACE-2100 to any environment, such as university departments, school districts, and shared usage throughout a municipality.

Through the creation of watch folders, users can set up automated workflows as part of their video or audio processing. Creation of input and output folder locations with pre-set parameters allow users to “drag and drop” bulk files for processing.

The ACE series US English dictionary is made up of over 400,000 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. Beyond the US English dictionary, the ACE series supports the following languages: English (US, UK, Ireland, Canada, Caribbean, Asia, India), Spanish (Spain, US-East, US-West, Puerto Rico, Latin America, Mexico, Peru, Argentina, Chile, Colombia), Catalan, French (France, Canada, Belgium, Switzerland), German, Italian (Italy, Switzerland), Swiss, Portuguese (European, African, Brazilian), Basque, and Dutch (Netherlands).

### Exceptional Technical Support

The ACE-2100 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. It meets the innovative, high performance, flexibility, and reliability requirements seen in all products manufactured and supported by Link Electronics.

## Features

- Server Based
- Web GUI Task Scheduler
- Uses Most Popular Media Files and Codecs
- Selectable Caption Screen Line Location
- CC Align

- Multi-language Captioning
- Watchfolder Setup
- Speaker ID Creation
- Faster than real time caption processing

- SOAP/REST API
- .SRT, SMPTE-TT, or EBU-TT files
- .docx or .txt Transcription files
- .SCC and .MCC Caption files



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### 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

### Internal:

CPU: ..... Intel I7 10th Generation  
 RAM: ..... DDR4  
 Drive: ..... SATA 3 (6 Gb/s) Solid State Drive  
 Operating System: ..... Windows 10 IoT Enterprise LTSC (Windows 10 Embedded)  
 Power: ..... ATX 600W Switching Power Supply (Redundant Optional)

### Rear Panel:

USB 3.2 Gen 2: ..... Two Type A  
 USB 3.2 Gen 1: ..... Two Type A  
 USB 2.0: ..... Two Type A  
 Ethernet: ..... RJ-45, Intel Gigabit LAN  
 Monitor (not included): ..... HDMI, Display Port  
 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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