ACE-FLEX4/ENC
Real Time Four Channel Automatic Captioning Engine with Built-in Caption Encoder Cards

LINK ELECTRONICS

Automatic Captioning Engine

The ACE-FLEX4/ENC is an Automated Captioning Engine with built-in encoder cards that will receive audio containing speech and send out encoded captioning data for broadcast. This unit has four inputs and with four outputs that can be used simultaneously. 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. Like all ACE series products, the FLEX4 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. The ACE-FLEX4 can receive four separate audio inputs, it can de-embed the first two channels of audio from four SDI inputs. Audio from a streaming source is another way that the system can receive audio. Each channel is run independently and can caption simultaneously. Multiple customizations can be programmed into the units inserters including speaker identification, number of characters per line, number of lines visible and more. Once a captioning task has been completed, a file is generated with selected transcript files. Some of the file types include text files, caption files, subtitle files, or time coded text files.

Remote GUI and Event Scheduler

The ACE-Flex4 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-Flex4 will be configured to run (plug and play) by default. The configuration may be adjusted at customer request.

Exceptional Technical Support

The ACE-Flex4 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.

Features

- Four channels of Audio
- RS 232 Captioning
- IP Captioning
- Remote GUI
- Event Scheduler
- SDI, HDMI, Analog, AES, 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

SDI I/0: (times 4)
3GB/HD/SD-SDI Input: .... 75 Ω BNC
Two SDI Encoded Outputs per channel (closed captions): .... 75 Ω BNC
SDI Decoded Output (open captions): .... 75 Ω BNC

Audio Inputs:
AES: .... Embedded on SDI Inputs
Caption Data Outputs:
Ethernet: .... TCP/IP
Internal:
CPU: .... Intel I7 10th Generation
RAM: DDR4
Drive: .... SATA 3 (6 Gb/s) Solid State Drive
Operating System: .... Windows 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: .... 0o C to 60o 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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