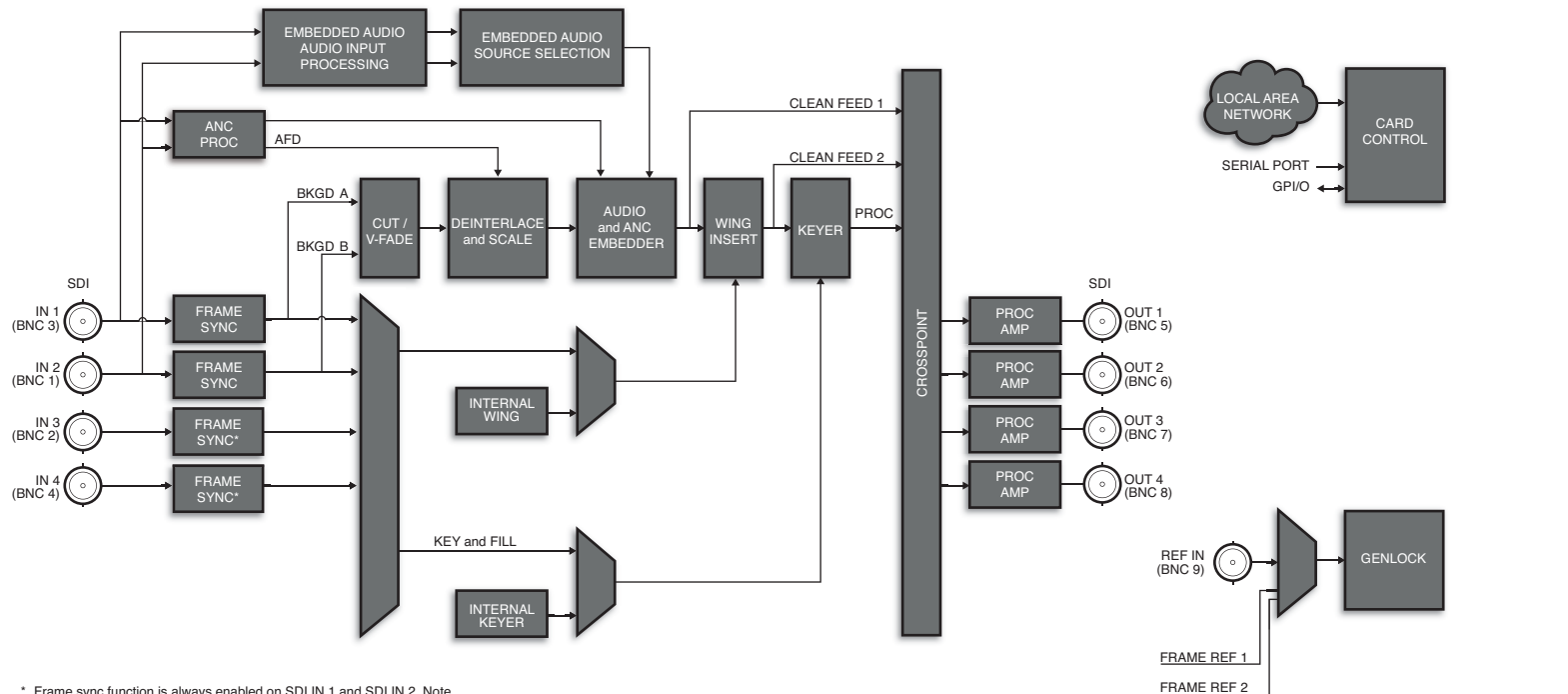


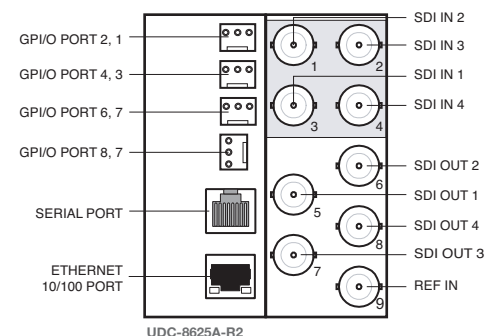
# UDC-8625A 3G HD SD AFD FS

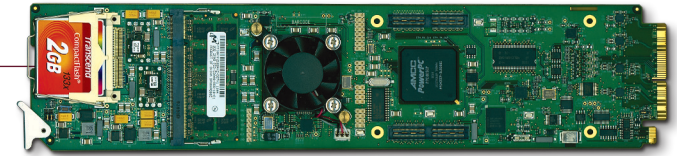
## 3G / HD / SD SDI Multi-Function Format Converter

A multi-function solution for Up / Down / Cross, ARC Conversion, Keying, Logo Insertion, A/B Mixing, all with audio video processing, timing, and synchronization.



\* Frame sync function is always enabled on SDI IN 1 and SDI IN 2. Note that SDI IN 3 and SDI 4 are limited to line sync when the output is 3G.





### The UDC-8625A Format Converter

A feature rich 3G / HD / SD SDI converter that supports all traditional formats including 1080p, 1080i, 720p, 480i, and 576i. Audio and video synchronization is combined with a signal processor, offering full control of the 16 channels of audio, with gain, invert, shuffle and sample rate conversion. Video processing offers adjustment for luma / chroma gain plus black offset with metadata processing including AFD processing and insertion. Pillar bar / letter box (wings) insertion can be achieved with the external fill signal or internally from the logo inserter. ARC configurations can be saved and recalled via GPI or DashBoard. A/B inputs can be configured to V-fade or operate in an auto fail-safe mode selecting the secondary input on failure / absence of the primary input.

### The UDC-8625A Keyer

The UDC-8625A can be operated as a keyer using the external key / fill inputs to key overtop of the PGM input. The operation can be extended to allow for mixing of the background with V-fade transitions behind the keyer by using the second background input.

### The UDC-8625A Logo Inserter

The UDC-8625A offers internal 2Gb storage for logo insertion supporting static and animated playout with support for TGA, GIF, PNG, BMP and JPG file formats.

### The UDC-8625A A/B Mixer

For downstream signal mixing the UDC-8625A offers a full audio / video mixing engine that can be configured to perform Fade-Fade, Take-Fade, or Fade-Take transitions with selectable rate control.

### Combined UDC, Keyer, Logo Inserter and A/B Frame Sync

Any combination, as required!

### Control

The UDC-8625A offers complete remote control and monitoring via the DashBoard control system. Automation support is offered via RS-422 serial control and / or GPI combined with direct Ethernet connectivity for media transfer.

## Key Features

- Up / down / cross, ARC conversion of all traditional formats 1080p, 1080i, 720p, 480i, 576i
- Audio / video frame sync with processing
  - Audio - 16 channel embedded processor: gain, invert, shuffle, sample rate conversion
  - Video - luma / chroma gain and black offset
  - Metadata with AFD processing and insertion
- Primary / secondary fail-safe input with auto-changeover
- Internal or external pillar bar / letter box graphic insertion
- Ability to create and recall ARC configuration profiles
- Keying with external key / fill inputs
- Logo insertion with 2Gb animation store supporting TGA, GIF, PNG, BMP and JPG
- A/B background mixing with Fade-Fade, Take-Fade, Fade-Take
- Automation control via serial RS-422 and / or GPI
- Dedicated Ethernet port for media transfer
- 5-year transferable warranty

## Ordering Information

### 3G / HD / SD SDI Multi-Function Format Converter

UDC-8625A      3G / HD / SD SDI Multi-Function Format Converter

### Rear Module Suffix (ex: [model]-R2)

-R2      Rear Module for UDC-8625A