

# MD800-UHD8

## FULL 8K Signal Converter / Generator / Processor

MD800-UHD8 Series designed on the high density hardware platform built-in TRUE 8K 2SI FULL frame synchronizer with very friendly features of the video noise reducer, the color filters and the video signal enhancer.

MD800-UHD8 series products provide bi-direction converters between FULL 8K 2SI and SQD (Quads) 4x12G-SDI signals, with the flexible functions to customized 8K/4K/3G/HD UP or DOWN cross converters, integrated 8K/4K signal generators output with up to 32 channels digital AES audio embedded.

MD800-UHD8 series products offer the high quality HDR/SDR and 3D LUT converter as the optional features. The additional 8K/4K un-compressed ST2110, or JPEG-XS format ST2110-22 IP signal IN/OUT features expands and perfect 8K or 4K broadcasting, editing and transmission systems.



- ✓ Supports FULL 8K 2SI & SQD video format signals. Compatible with SMPTE 2082-12 8K 4x12G-SDI and 4K 12G-SDI video standard.
- ✓ Provides 8K SQD or 2SI 4x12G-SDI signals IN/OUT.
- ✓ Provides FULL 8K SQD & 2SI Bi-Direction converter, customize the converter mode.
- ✓ Built-in FULL 8K UHD frame synchronizer. Gen Lockable with BB or Tri-Level external Sync. Signals.
- ✓ Supports and transparent BT2100, BT2020 HDR video color format.
- ✓ Supports 16 channels AES/EBU audio embedded SDI signals. Up to 32 channels AES/EBU audio embedded features as the additional options.
- ✓ Provides audio offset feature to compensate the system audio advanced and lip Sync. Problems.
- ✓ Provides hot swappable redundant power supply.
- ✓ Optional feature for HDR/SDR and 3D LUT converter.
- ✓ Optional feature for ST2110 IP IN/OUT.
- ✓ Optional feature for 8K/4K JPEG-XS compressed IP signal IN/OUT.



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