MIO-CCM-4K/3G

SMPTE ST 2110 and/or 4K/3G/HD/SD Closed Caption CEA-608 and CEA-708 Monitor



The MIO–CCM–4K/3G is a CEA–608 and CEA–708 closed caption monitor, decoder and analyzer that extends the signal monitoring capabilities of the Evertz monitoring product line by focusing on closed captions.

The MIO-CCM-4K/3G has the capability to decode CEA-608 and CEA-708 closed captions, providing a flexible and cost-effective solution for both caption domains. The auto-detecting program input supports 4K, 3G, HD and SD video formats.

The MIO–CCM–4K/3G also provides a detailed and comprehensive status display to the current state of the closed caption data. This status display can inform operators quickly if an error was detected.

This dual–slot MIO module can be flexibly housed in either: a SCORPION–2 frame capable of holding a single MIO–CCM–4K/3G module; a SCORPION–4/6 frame capable of holding up to two MIO–CCM–4K/3G modules; or a SCORPION–X18 frame capable of holding up to eight MIO modules.

MIO-CCM-4K/3G is WebEasy, MAGNUM and VistaLINK® PRO-capable for remote monitoring, control and configuration capabilities via SNMP.

## Features & Benefits

- Auto-detecting SMPTE ST 259M, ST 292M, ST 424M and ST 2082 program video input
- Monitoring output decodes and displays CEA-608 or CEA-708 closed captions
- Decodes XDS packets containing TSID, CGMS-A, Program ID, Time in Show, Program Name, Program Type, V-Chip Rating, Program Description, Network Name, Station ID, Time of Day and Time of Zone
- Closed caption line shift (up and/or down) via GPI trigger to avoid on screen crawl messages such as EAS
- User-configurable presets
- Optional IP media streaming (+MS) compatible with Evertz' Caption Conductor system to provide this capability to caption encoders (7825CCE-3G, HD9084) that don't have it

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## Specifications Electrical Inputs: Reclocked Standard:

Reclocked SFPs of <0.2UI to 1.485GB <0.3UI to 2.97GB/s <0.3UI to 12GB/s

**Ordering Information** 

MIO-CCM-4K SMPTE ST 2110/4K/3G/HD/SD-SDI dual-slot MIO module for use in any

SCORPION chassis; includes closed caption monitoring software to monitor,

decode and analyze CEA-608 and CEA-708 closed captions

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> SCORPION chassis; includes closed captioning encoder software with non-media streaming; requires additional MIO modules for modem and

serial, requires +MS license to add media streaming

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serial, requires +MS license to add media streaming.

**Ordering Options:** 

Media streaming license enabling media (audio/video) over IP streaming

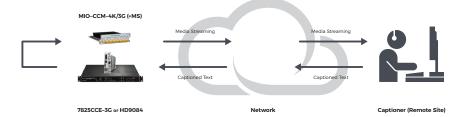
MIO-CCE-AUX-IO Dual-slot MIO module adding support for up to 8x GPIO and

3x serial RS-232/RS-422 data I/O

Enclosures:

SCORPION-2 SCORPION miniature frame, holds 2x single- or 1x dual-slot modules SCORPION-4 SCORPION standalone frame, holds 4x single- or 2x dual-slot modules SCORPION-6 SCORPION standalone frame, holds 6x single- or 2x dual-slot modules

SCORPION-X18 SCORPION multiframe, holds 18x single- or 8x dual-slot modules



Sample Application: Captioning, Monitoring and Streaming Media Over IP

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