

# Streaming Media & 4k Playback Module

Combine Streaming, File Playback and Still Images with your CORIOmaster Video Window Processor



## Key Features

- Combine Streaming, File Playback and Still Images for each Video Channel
- 2 Video channels 4K/30 & HD or Dual HD Media playback
- Dual Channel HD streaming over IP
- 8K Still Image support<sup>2</sup>
- Hardware video engine handles smooth playback and scaling
- USB 3.0 port for file playback
- Up to 128GB Internal SSD Storage for content<sup>3</sup>
- Fully Integrated control via CORIOgrapher v2

## Overview

The Streaming Media Input Module provides CORIOmaster systems with the ability to bring 2 network streams up to 1080p 60 @ 25mbs in to just 1 slot. As well as playback of 4k UHD or 2x 1080p60 video files. The Streaming Media Input Module also supports still images with full 4K rendering. And with at least 40mbs of total bandwidth you can easily provide high quality content to your video wall and projector edge-blend.

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|--------------------------|--|
| CM-AVIP-IN-1USB-1ETH     | 4K streaming media Input module for CORIOmaster with 16Gbs internal storage  |
| CM-AVIP-IN-1USB-1ETH-128 | 4K streaming media Input module for CORIOmaster with 128Gbs internal storage |
| C3-540                   | 4RU CORIOmaster chassis with 16 slots available for I/O modules              |
| C3-510                   | 1RU CORIOmaster mini chassis with 5 slots available for I/O modules          |
| ENCODER-100              | Single channel encoder   |

## Specifications

|                            |  |
|----------------------------|--|
| <b>AV over IP</b>          |  |
| Interface                  | 1 x GbE Ethernet Port  |
| Video Decoding             | H.264 (Main, High), MPEG4, H.265/HEVC <sup>1</sup> (Main)                |
| Bit Rates                  | Up to 25Mbs per stream   |
| Colour Depth               | 4:2:0, 4:2:2   |
| Supported Resolutions      | Configurable to 1920x1080p60   |
| Unicast Streams            | RTSP, RTMP, HTTP, MPEG-TS  |
| Multicast Streams          | RTSP, MPEG-TS  |
| Control Interface          | via CORIOgrapher v2  |
| <b>Media Handling</b>      |  |
| External Supported devices | 1 x USB 3.0 Interface<br>Flash file systems FAT, FAT32, ext3, ext4, NTFS |
| Internal                   | High speed storage up 128GB <sup>3</sup>                                 |
| Remote Maintenance         | File transfer supported <sup>3</sup><br>through CORIOgrapher v2          |

|   |   |
|---|---|
| <b>Media/Images</b>   |   |
| Interfaces  | USB3.0, Internal Storage, Network                           |
| Video Codecs  | H.264 (CBP, Main, High), H.265/HEVC <sup>1</sup> (Main)     |
| Video Formats   | mp4, mov, mkv, m4v, ts, mts, m2ts, mt2                      |
| Playback Bit Rates  | Single stream to 100Mbs,<br>Dual Streams to 40Mbs           |
| Still Image   | JPEG, PNG, BMP  |
| File Playback Resolutions Supported   | Up to 1<br>Up to 1080p60@60fps<br>Up to 7680 x 4320         |
| Playback Interface  | Up to 2<br>Still Images <sup>2</sup><br>via CORIOgrapher v2 |
| <sup>1</sup> Planned update via Firmware<br><sup>2</sup> Images will be rendered to 4K<br><sup>3</sup> Future Release |   |