

# 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 @ 25mbps 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 40mbps of total bandwidth you can easily provide high quality content to your video wall and projector edge-blend.

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

### AV over IP

Interface	1 x GbE Ethernet Port
Video Decoding	H.264 (Main, High), MPEG4, H.265/HEVC <sup>1</sup> (Main)
Bit Rates	Up to 25Mbps 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

### Media Handling

External	1 x USB 3.0 Interface
Supported devices	Flash file systems FAT, FAT32, ext3, ext4, NTFS
Internal	High speed storage up to 128GB <sup>3</sup>
Remote	File transfer supported <sup>3</sup>
Maintenance	through CORIOgrapher v2

### Media/Images

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 100Mbps, Dual Streams to 40Mbps
Still Image	JPEG, PNG, BMP
File Playback Resolutions Supported	Up to 1
Up to 3480x2160 @ 30fps	Up to 2
Up to 1080p60@60fps	Still Images <sup>2</sup>
Up to 7680 x 4320	via CORIOgrapher v2
Playback Interface	

<sup>1</sup> Planned update via Firmware

<sup>2</sup> Images will be rendered to 4K

<sup>3</sup> Future Release