

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 support²
- Hardware video engine handles smooth playback and scaling
- USB 3.0 port for file playback
- Up to 128GB Internal SSD Storage for content³
- 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		Media/Images	
Interface	1 x GbE Ethernet Port	Interfaces	USB3.0, Internal Storage, Network
Video Decoding	H.264 (Main, High), MPEG4, H.265/HEVC ¹ (Main)	Video Codecs	H.264 (CBP, Main, High), H.265/HEVC ¹ (Main)
Bit Rates	Up to 25Mbps per stream	Video Formats	mp4, mov, mkv, m4v, ts, mts, m2ts, mt2
Colour Depth	4:2:0, 4:2:2	Playback Bit Rates	Single stream to 100Mbps, Dual Streams to 40Mbps
Supported Resolutions	Configurable to 1920x1080p60	Still Image	JPEG, PNG, BMP
Unicast Streams	RTSP, RTMP, HTTP, MPEG-TS	File Playback Resolutions Supported	Up to 3480x2160 @ 30fps Up to 1
Multicast Streams	RTSP, MPEG-TS	Up to 1080p60@60fps	Up to 2
Control Interface	via CORIOgrapher v2	Up to 7680 x 4320	Still Images ²
Media Handling		Playback Interface	via CORIOgrapher v2
External Supported devices	1 x USB 3.0 Interface Flash file systems FAT, FAT32, ext3, ext4, NTFS	¹ Planned update via Firmware	
Internal	High speed storage up to 128GB ³	² Images will be rendered to 4K	
Remote	File transfer supported ³	³ Future Release	
Maintenance	through CORIOgrapher v2		