Dual stream input module

CM-AVIP-IN1USB-1ETH

Combine streaming, file playback, and still images with CORIO**master**™ video processor

OVERVIEW

The dual stream input module provides CORIO**master** systems with the ability to bring two network streams of up to 4k/30 @ 50Mbs into just one slot, as well as playback of up to 4K UHD AV files. The dual stream input module also supports still images with full 4K rendering. With at least 100 Mbs of total bandwidth, you can easily provide high quality content to your video wall and projector edge-blend.

CM-AVIP-IN-1USB-1ETH	4K dual stream input module for CORIO**master** with 16 GB internal storage
CM-AVIP-IN-1USB-1ETH-128	4K dual stream input module for CORIO**master** with 128 GB internal storage
C3-540	4RU CORIO**master** chassis with 16 slots available for I/O modules
C3-510	1RU CORIO**master** mini chassis with 5 slots available for I/O modules
C3-503	½RU CORIO**master** micro chassis with 3 slots available for I/O modules
ENCODER-100	Single channel IP encoder

KEY FEATURES

- ◆ New: Low latency IP decode mode
- ◆ New: H.265 HEVC IP decode
- ◆ Combine streaming, file playback and still images for each video channel
- ◆ 2 independent video channels per module
- ◆ New: Dual-channel 4K/30[1] IP streaming over IP
- ◆ 8K still image support[2]
- ◆ Hardware video engine handles smooth playback and scaling
- ◆ USB 3.0 port for file playback
- ◆ Up to 128 GB internal SSD storage for content
- ◆ Fully integrated control with **CORIO**grapher v2

SPECIFICATIONS

AV over IP	
Interface	1 x GbE Ethernet Port
Video decoding	H.264 (main, high), MPEG4, H.265/HEVC (Main 8)
Bit rates	4K up to 50Mbs 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 **CORIO**grapher v2
Latency	Normal 800 ms Low latency mode <250 ms4
Media handling	
External	1 x USB 3.0 interface
Supported devices	Flash file systems FAT, FAT32, ext3, ext4, NTFS
Internal	High speed storage up 128 GB
Remote	File transfer supported[3]
Maintenance	through **CORIO**grapher v2

Media and images	
Interfaces	USB3.0, internal storage, network
Video codecs	H.264 (CBP, main, high), H.265/HEVC (Main 8)
Video formats	mp4, mov, mkv, m4v, ts, mts, m2ts, mt2
Playback bit rates	Single stream to 100 Mbs Dual streams to 50 Mbs each
Still image	JPEG, PNG, BMP
File playback and decode resolutions supported	
Up to 3480x2160 @ 30fps	Up to 2[1]
Up to 1080p60@60fps	Up to 2
Up to 7680 x 4320	Still images[2]
Playback interface	via **CORIO**grapher v2

[1] 2nd channel is scaled to 1080p
[2] Images will be rendered in 4k
[3] Future release
[4] With Magenta Encoder 100 IP encoder, other devices may perform differently