

MMC-5HD



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Powerful, Flexible and Easy to Use
Live capturing of uncompressed digital
media
HD security and surveillance
24/7 monitoring stations

Focus MMC-5HD High-Definition Capture Card

The MMC-5HD High-Definition Capture Card provides the most complete multi-format MPEG2 encoding/decoding solution for HD and SD video capture.

Overview

The MMC-5 HD is directly compatible with the ProxSys PX Media Asset Management Ingest Station, and it employs multiple high-speed hardware codecs optimized for real-time encoding/decoding of the XDCAM format. The MMC-5HD SDI input accepts 1080i/720p HD or PAL/NTSC SD inputs from decks, cameras, switchers, converters or any other SDI source and encodes in one of a variety of XDCAM and XDCAM EX formats.

For playback, the MMC-5HD outputs XDCAM and XDCAM EX encoded material via SDI. Multiple MMC-5HD cards can be combined together in a single ProxSys Ingest Station for multi-channel capture. By using the XDCAM and XDCAM EX format, content that is captured with the MMC-5HD via SDI can be easily combined with pre-encoded content recorded with an XDCAM EX camera and this can be easily ingested into ProxSys utilizing the Media Import Utility.

MMC-5HD	SPECIFICATION
Interface	PCI-e
Function	HD/SD-SDI
Input/Output	4:2:2:SD/HD-SDI
Codec Support	Various MPEG2. HD: SMPTE-292M (HDV/XDCAM/XDCAM EX/Intra Frame)
Power	11W
Dimensions	111mm x 140mm (4.4" x 5.5")
Board Connector	PCI Express (x1)

INPUT/OUTPUT	CONNECTOR	STANDARD
SDI Input	BNCx1	HD: SMPTE-292M SD: SMPTE-259M
SDI Output	BNCx1	HD: SMPTE-292M SD: SMPTE-259M
Analog Reference Input	BNCx1	HD: Tri-Level Sync SD: Blackburst

Support

When you purchase video production solutions from Focus Enhancements, you not only receive reliable products that deliver superior performance every day, you also receive unconditional service and support from a team of seasoned video professionals. All products are backed by comprehensive warranties and optional support contracts that cover installation, training, 24/7 phone support, and priority parts replacement.

Consultation

With extensive experience in designing, configuring, and integrating video production solutions for leading companies around the world, the Focus team can help you select the right products for your business. If you have special requirements, solution consultation and custom configuration services are available.

AUDIO FORMATS	FORMAT	STANDARD
SDI Video	1920x1080 59.94i/50i	HD:1080i
	1920x1080 29.97PS	HD:1080p
	F/25PsF/24PsF/23.98PsF	
	1280x720 60P/59.94P/50P	HD: 720P
	720x480 59.94i	SD: 525
	720x576 50i	SD: 625
SDI Embedded Audio	Max. 8ch 48kHz	HD:SMPTE-299M SD: SMPTE 272M
Reference Video Input	1920x1080	Tri_ Level Sync
	59.94i(29.97PsF)/50i(25PsF)	
	48i(24Psf)/47.95i(23.98PsF)	
	1280x720 60P/59.94P/50P	Tri_ Level Sync
	720x480 59.94i	NTSC Blackburst
	720x576 50i	PAL Blackburst

SUPPORTED CODEC FORMATS	RESOLUTION/BIT RATE	COLOR SPACE
Video Codec	ISO IEC 13818-2 (MPEG-2 videoe)	Any bit rate
HD Long GOP MP@H-14	1440x180i/p 25Mbps	HDV compatible 4:2:0
HD Long GOP MP@HL (1440)	1440x1080i/p 18, 25, 35Mbps	4:2:2
HD Long GOP MP@HL	1280x720p 50Mbps	4:2:2
	1920x1080i/p 35Mbps	
HD Long GOP 422P@HL	1280x720p 50Mbps	4:2:2
	1920x1080i/p 50Mbps	
SD Long GOP MP@ML	720x480i 6-15Mbps	4:2:2
	720x576i 6-15Mbps	
SD Intra 422P@ML	IMX 30, 40, 50Mbps	4:2:2
HD Intra	100-160Mbps	4:2:2
Audio	LCPM	

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