

Video Processor MCI-2186



*GUI under development

Equipped with 17M pixel 4:4:4 10bit picture processing and IP interface, MCI-2186 is high performance video processor housed in compact 3U rack sized body. Ideal for large display system with flexible I/O configuration and easy to use GUI.

Application

Live Entertainment



Command and Control



Signage



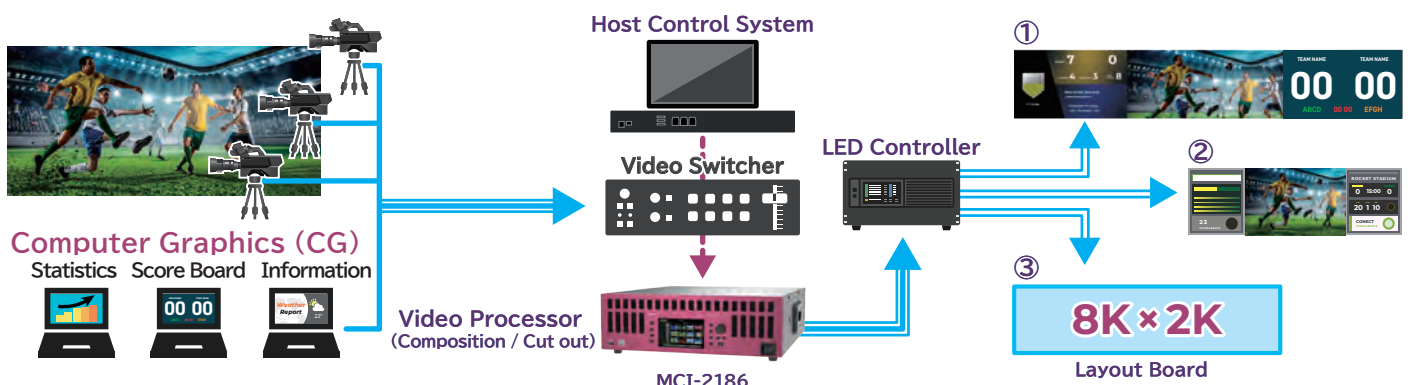
Features

- Total layout area of max 17M pixel (4K×2 = HD×8)
 - PinP
 - Keyer function
- Simple Operation

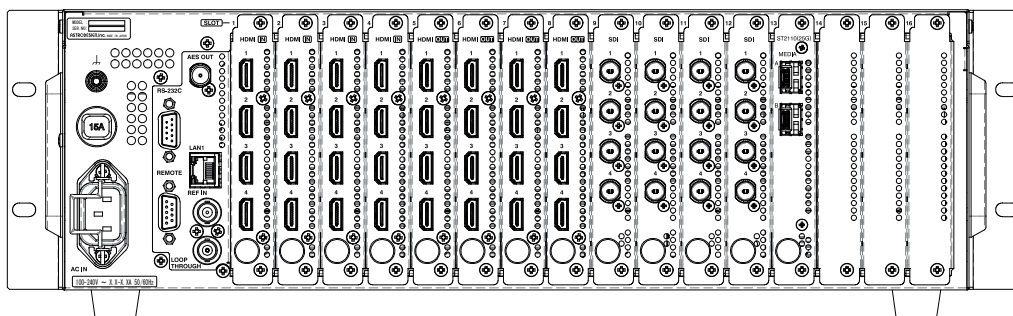
Simple to use web base GUI enables intuitive operation – easy to change the layout or select source material.
- Expandability

Can be configured with up-to 64 channels of I/O – suitable for variety of applications from stadium/arena to command and control. On top of standard baseband video I/O, equipped with ST-2110 interfaces for expandability and ease of use.
- Remote monitoring / maintenance

Equipped with remote monitoring function to keep systems up and running. Remote maintenance including software update for reduction and management of running cost.



Back Panel



Specification

12G/6G/3G/1.5G-SDI IF Board (Input:MCI-2186-1S / Output:MCI-2186-2S)

Channels		HD : 4 4K : 2
Video	Connector	BNC×4
	Scanning Method	Progressive / Interlace
	HD-SDI (SMPTE 292M)	1920×1080/60i, 59.94i, 50i 1920×1080/30p, 29.97p, 25p, 24p, 23.98p 1920×1080/30PsF, 29.97PsF, 25PsF, 24PsF, 23.98PsF 1280×720/60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p
	3G-SDI (SMPTE 424M Level A)	1920×1080/60p, 59.94p, 50p
	6G-SDI (SMPTE 2081-1)	3840×2160/30p, 29.97p, 25p, 24p, 23.98p 4096×2160/30p, 29.97p, 25p, 24p, 23.98p
	12G-SDI (SMPTE 2082-1)	3840×2160/60p, 59.94p, 50p 4096×2160/60p, 59.94p, 50p
	Bit depth	10bit
	Color format	YCbCr (4:2:2)
Audio	Resolution	24bit
	Standard	SMPTE 299M
	Sampling Frequency	48kHz

HDMI IF Board (Input:MCI-2186-1H / Output:MCI-2186-2H)

Channels		HD : 4 4K : 2
Video	Connector	HDMI Type A×4
	Standard	HDMI2.0 TMDS clock 25MHz ~ 300MHz TMDS data rate 0.75Gbps ~ 18Gbps
	Bit depth	8bit/10bit
	Color format	RGB4:4:4/YCbCr 4:4:4/YCbCr 4:2:2
Audio	Channels	Linear PCM 32ch
	Sampling Frequency	48kHz

IP IF board (Input/Output:MCI-2186-3I)

Streams	HD : 4 I/O 4K : 1 I/O	
Connector	SFP28	
Standard	SMPTE ST 2110-10, -20, -30, -31, -40 SMPTE ST 2059-1/ -2 SMPTE ST 2022-7 NMOS IS-04, IS-05	
Video	Format	1920×1080/60i, 59.94i, 50i 1920×1080/60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p 1920×1080/30PsF, 29.97PsF, 25PsF, 24PsF, 23.98PsF 3840×2160/60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p
	Bit depth	10bit
	Color format	YCbCr 4:2:2
Audio	Channels	Linear PCM 16ch

Specifications

Power Supply	AC100-240V 50/60Hz
Operating Temperature	5-40°C
Operating Humidity	20-80%RH (No condensation)
Power Consumption	Max 800W
Dimensions	430(W)×133(H)×400(D)mm
Weight	20kg
Sync	NTSC BB/HD tri-level sync
Audio Output	AES × 1 BNC
Control Interface	LAN /RS-232C/ Remote
Supplied Accessories	AC Cable 1 Operation Manual CD Rack Mount Kit 1set

※The specifications are subjected to change without notice.

ASTRODESIGN,Inc.

Contact to:

TOKYO Headquarters 1-5-2 Minami-yukigaya, Ota-ku, Tokyo, Japan 145-0066

USA OFFICE 780 Montague Expressway, Suite 302, San Jose CA 95131 USA
URL <http://www.astro-americas.com>

TEL +81-(0)3-5734-6320 FAX +81-(0)3-5734-6102

TEL +1-408-435-7800 FAX +1-408-435-7900

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Home page

<https://www.astrodesign.co.jp/english/>

