

Input Board

2K HDMI Input Board



Specifications

Signal Channel	4-channel HDMI input signals
HDMI Compatibility	HDMI 1.4
HDCP Compatibility	HDCP 1.4
Max Resolution	1920x1200p60Hz (1200p60)
Supported Resolution	480i ~ 1200p@60Hz
Video Bandwidth	6.75Gbps
Color Depth	8/10/12-bit (1080p60Hz)
Audio	Support external audio source input (LPCM 2.0CH)
Audio Port	3.81mm Phoenix Connector
HDMI Port	HDMI Type A

2K DVI-I Input Board



Specifications

Signal Channel	4-channel DVI input signals
Signal Format	DVI-I full digital TMDS signal, DVI1.0 compliant
Max Resolution	HDMI/DVI/VGA: 1920x1200p60Hz (1200p60); YPbPr: 1080p60; CVBS: 720x480i60 (PAL); 720x576i50 (NTSC)
Supported Resolution	480i ~ 1200p@60Hz
Video Bandwidth	4.95Gbps
Color Depth	8-bit (1080p60Hz)
Audio	Support external audio source input (LPCM 2.0CH)
Audio Port	3.81mm Phoenix Connector
DVI Port	DVI-I, 28-pin female

2K VGA Input Board



Specifications

Display Parameters	
Signal Channel	4-channel VGA input signals
Signal Format	RGB (Analog)
Max Resolution	1920x1200p60Hz (1200p60)
Supported Resolution	480p ~ 1200p@60Hz
Video Bandwidth	4.95Gbps
Color Depth	8-bit (1080p60Hz)
Impedance	75Ω
Horizontal Scan Frequency	15KHz ~ 90KHz
Nominal Level	0.7Vp-p
Audio	Support external audio source input (LPCM 2.0CH)
Audio Port	3.81mm Phoenix Connector
VGA Port	DB15, 15-pin female

2K SDI Input Board



Specifications

Display Parameters	
Signal Channel	4-channel SDI input signals
Signal Format	HD-SDI (SMPTE 292M), 3G-SDI (SMPTE 425M, SMPTE 424M, SMPTE 292M, SMPTE 259M-C)
Max Resolution	1920x1080p60Hz (1080p60)
Supported Resolution	480i ~ 1080p@60Hz
Video Bandwidth	2.97Gbps
Color Depth	8-bit (1080p60Hz)
Impedance	75Ω
Audio	Support external audio source input (LPCM 2.0CH)
Audio Port	3.81mm Phoenix Connector
SDI Port	BNC, female

2K HDBT 150M Input Board



Specifications

Signal Channel	4-channel HDBT input signals
Max Resolution	1920x1200p60Hz (1200p60)
Supported Resolution	480p ~ 1200p@60Hz
Video Bandwidth	6.75Gbps
Color Depth	8/10/12-bit (1080p60Hz) Parameters
Audio	Support external audio source input (LPCM 2.0CH)
Audio Port	3.81mm Phoenix Connector
HDBT Port	RJ45
Max Transmission Distance	HDBT 1080p60Hz = 150m

2K Fiber Input Board



Specifications

Signal Channel	4-channel Fiber input signals
Max Resolution	1920x1200p60Hz (1200p60)
Supported Resolution	480p ~ 1200p@60Hz
Video Bandwidth	6.75Gbps
Color Depth	8/10/12-bit (1080p60Hz) Parameters
Audio	Support external audio source input (LPCM 2.0CH)
Audio Port	3.81mm Phoenix Connector
SFP Port	SFP_HOST, 20-pin female
Max Transmission Distance	Single mode fiber: 10KM, multi-mode fiber: 300M

4K HDMI Input Board



Specifications

Signal Channel	4-channel HDMI input signals
HDMI Compatibility	HDMI 2.0b
HDCP Compatibility	HDCP 2.2
Max Resolution	4096x2160p60 (2160p60)
Supported Resolution	480p ~ 2160p@60Hz
Video Bandwidth	18Gbps
Color Depth	8/10/12-bit
Audio	Support external audio source input (LPCM 2.0CH)
Audio Port	3.81mm Phoenix Connector
HDMI Port	HDMI Type A

4K HDBT 150M Input Board



Specifications

Signal Channel	4-channel HDBT input signals
Max Resolution	4096x2160p60 (2160p60)
Supported Resolution	480p ~ 2160p@60Hz
Video Bandwidth	18Gbps
Color Depth	8/10/12-bit
Audio	Support external audio source input (LPCM 2.0CH)
Audio Port	3.81mm Phoenix Connector
HDBT Port	RJ45
Max Transmission Distance	HDBT 1080p60Hz/4K30Hz = 150m, 4K60Hz = 120m

Output Board

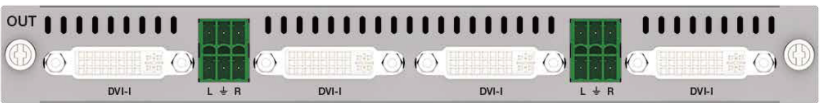
2K HDMI Output Board



Specifications

Signal Channel	4-channel HDMI output signals
HDMI Compatibility	HDMI 1.4
HDCP Compatibility	HDCP 1.4
Max Resolution	1920x1200p60Hz (1200p60)
Supported Resolution	720p ~ 1200p@60Hz
Video Bandwidth	4.95Gbps
Color Depth	8-bit (1080p60Hz)
Audio	Support external audio source output (LPCM 2.0CH)
Audio Port	3.81mm Phoenix Connector
HDMI Port	HDMI Type A

2K DVI-I Output Board



Specifications

Signal Channel	4-channel DVI output signals
Signal Format	DVI-I full digital TMDS signal, DVI1.0 compliant
Max Resolution	HDMI/DVI/VGA:1920x1200p60Hz (1200p60);YPbPr:1080p60;CVBS:720x480i60 (PAL);720x576i50 (NTSC)
Supported Resolution	720p ~ 1200p@60Hz
Video Bandwidth	4.95Gbps
Color Depth	8-bit (1080p60Hz)
Audio	Support external audio source output (LPCM 2.0CH)
Audio Port	3.81mm Phoenix Connector
DVI Port	DVI-I, 28-pin female

2K VGA Output Board



Specifications

Display Parameters	
Signal Channel	4-channel VGA output signals
Signal Format	RGB (Analog)
Max Resolution	1920x1200p60Hz (1200p60)
Supported Resolution	720p ~ 1200p@60Hz
Video Bandwidth	4.95Gbps
Color Depth	8-bit (1080p60Hz)
Impedance	75Ω
Horizontal Scan Frequency	15KHz ~ 90KHz
Nominal Level	0.7Vp-p
Audio	Support external audio source output (LPCM 2.0CH)
Audio Port	3.81mm Phoenix Connector
VGA Port	DB15, 15-pin female

2K SDI Output Board



Specifications

Display Parameters	
Signal Channel	4-channel SDI output signals
Signal Format	HD-SDI (SMPTE 292M); 3G-SDI (SMPTE 424M/425M-AB)
Max Resolution	1920x1080p60Hz (1080p60)
Supported Resolution	480i ~ 1080p@60Hz
Video Bandwidth	2.97Gbps
Color Depth	8-bit (1080p60Hz)
Impedance	75Ω
Audio	Support external audio source output (LPCM 2.0CH)
Audio Port	3.81mm Phoenix Connector
SDI Port	BNC, female

2K HDBT 150M Output Board



Specifications

Signal Channel	4-channel HDBT output signals
Max Resolution	1920x1200p60Hz (1200p60)
Supported Resolution	720p ~ 1200p@60Hz
Video Bandwidth	4.95Gbps
Color Depth	8-bit (1080p60Hz) Key Parameters
Audio	Support external audio source output (LPCM 2.0CH)
Audio Port	3.81mm Phoenix Connector
HDBT Port	RJ45
Max Transmission Distance	HDBT 1080p60Hz = 150m

2K Fiber Output Board



Specifications

Signal Channel	4-channel Fiber output signals
Max Resolution	1920x1200p60Hz (1200p60)
Supported Resolution	720p ~ 1200p@60Hz
Video Bandwidth	4.95Gbps
Color Depth	8-bit (1080p60Hz) Key Parameters
Audio	Support external audio source output (LPCM 2.0CH)
Audio Port	3.81mm Phoenix Connector
SFP Port	SFP_HOST, 20-pin female
Max Transmission Distance	Single mode fiber: 10KM, multi-mode fiber: 300M

4K HDMI Output Board



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Signal Channel	4-channel HDMI output signals
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HDCP Compatibility	HDCP 2.2
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Video Bandwidth	18Gbps
Color Depth	8/10/12-bit
Audio	Support external audio source output (LPCM 2.0CH)
Audio Port	3.81mm Phoenix Connector
HDMI Port	HDMI Type A

4K HDBT 150M Output Board



Specifications

Signal Channel	4-channel HDBT output signals
Max Resolution	4096x2160p60 (2160p60)
Supported Resolution	480i ~ 2160p@60Hz
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Color Depth	8/10/12-bit
Audio	Support external audio source Output (LPCM 2.0CH)
Audio Port	3.81mm Phoenix Connector
HDBT Port	RJ45
Max Transmission Distance	HDBT 1080p60Hz/4K30Hz = 150m, 4K60Hz = 120m