Disclaimer:
All data is carefully checked, but errors may still occur.
Sprolink reserves the right to modify product design without prior notice.
For product details, please contact sales engineers.
Sprolink retains the final right of interpretation.

SPROLINK®

SPROLINK®

Product Catalogue

Broadcasting / ProAV / PTZ

XIAMEN SPROLINK SCIENCE & TECHNOLOGY CO., LTD

sales@sprolink.com 0592-5565698 www.sprolink.cn

About Us

Xiamen Sprolink Science & Technology Co., Ltd., known as Sprolink, was established in April 2018 and is headquartered in Xiamen,a beautiful coastal city in Fujian Province.As a high-tech enterprise integrating R&D, production, sales and service, we upholds the mission of "Making Live Streaming Accessible for Everyone " and great vision "Becoming Leader in Corporate Live Streaming Solution and Standard-Maker of The Industry. It is dedicated to providing comprehensive live streaming solutions for customers worldwide, since its establishment, Spro link has consistently explored, innovated and closely collaborated with upstream and downstream industry partners to launch a series of live streaming products and video processing equipments. Based on the concept that live streaming creates benefit for enterprises, SPROLink products has brought brand new revolution and change in AV industry. SPROLink consistently upholds the aim and value that grow up together with clients along with the development of the industry, improve the branding, promote the marketing and create benefit by equipments and service.





1

Broadcasting

Airlink

HDMI&UVC Wireless 4K Transmission



- Compatible with Pocket 3 and action cameras, meeting diverse user needs.
- HDMI interface supports 4K signal transmission with sharp and lossless image quality.
- HDMI loop–out for synchronous connection to local monitors.
- UVC driver–free direct connection simplifies the live streaming workflow.
- One–transmitter–to–four–receivers multi–receiver monitoring for more efficient team collaboration.
- 300m long–distance transmission with 60ms low latency, compatible with various frequencies.
- Dual power supply design ensures non–stop operation without power concerns.
- Transmission + Power Supply, all in one device.

	TX	RX
Display	LCD	
Interface Configu-ration	HDMI Input: HDMI2.0/HDMI 环出: HDMI2.0 USB-C: Type-C3.0/USB-A: UVC3.0Input 3.5mmHeadphone Jack 2*Antenna Interfaces (RP-SMA Male)	HDMI Output: HDMI2.0 USB-C: Type-C3.0/USB-A: USB3.0Output 3.5mmHeadphone Jack 2*Antenna Interfaces (RP-SMA Male)
Power Supply	VP-FSeries Battery，Type-C 5V/2A	
Signal Format	2160P60、2160P30/29.97、2160P/25、1080P60/59.94、1080P50、1080P30/29.97\1080P25、1080i60/59.94、1080i50、720P60/59.94、720P50	
Band	2.4GHz、5.8GHz	
PWR	<7.5W	<6.5W
Trans. Delay	<60ms	
Temp	-20-60°C	
Size	118H*71L*28W(Excluding Antennas)	
Weight	Approximately 210g	

RX



TX



豆包AI生成

MC-NDI

8-Channel NDI Video Switcher



- 8 x HDMI /SDI / NDI input sources for flexible multi-camera setups.
- Seamless switching with advanced transition effect.
- Built-in 10.1" touchscreen for intuitive control & preview.
- Integrated PTZ joystick for effortless remote camera operation.
- Web-overlay graphics advanced lower third effects.
- Support instant playback for live event.
- 4 channel network streaming to multiple platforms (RTMP/SRT/NDI).
- ISO recording for all inputs and output.

Interface	Input	3G-SDI HDMI 2.0 USB 2.0 USB 3.0	4xSDI 4xHDMI 2xUSB-A 2xUSB-A	SDI 1080p Input HDMI 4k Input Video Playback/Image Loading/UVC Input
	Output	HDMI 1.3 USB 3.0	3xHDMI-A 1xUSB Type-C	PVW/PGM /PST Multiplexed Output UVC Output Interface
	Audio	MIC IN PHONES LINE OUT	2x3.5mm Audio 2x6.35mm XLR Jacks 1x3.5mm Audio 1x3.5mm Audio	Compatible with MIC/LINE Stereo Input Compatible with MIC/LINE Stereo Input Headphone Monitoring Output Line Output
	Control	LAN	1xRJ45	Network Control PTZ Camera
	Serial	RS422 RS485 RS232	1×LAN 1×Serial	PTZ Camera Control; Reverse Control of the Switcher by External Control Devices
Input Resolution	SDI HDMI			720p50/60.1080i50/60、1080p24/30/50/60、720p50、720p59.94、720p60、1080023.98、1080o24.1080025、1080o29.97.1080030.1080p50、1080p59.94、1080p60、1080i50、1080159.94、1080160、2160p30/50/60
Output Resolution	HDMI USB 3.0 Sampling		SMPTE Streaming YUV 4:4:4	1080p24/25/30/48/50/60 1080p24/25/30/48/50/60
Perf.	Overall Delay Audio Delay			<3 frames 0-500ms (0-30/25 Frame)
Power	Input Power Constant Power			12V/3A 30W
Temp	Temp Hum			0℃~70℃ 10%~85%
Weight	Weight			2.9kg
Size	Size			400*224*64.6 mm



ME-NDI

8-Channel NDI Video Switcher



- 8 x HDMI /SDI / NDI input sources for flexible multi-camera setups.
- Seamless switching with advanced transition effect.
- Built-in 10.1" touchscreen for intuitive control & preview.
- Assignable audio fader for advanced audio control.
- Web-overlay graphics advanced lower third effects.
- Support instant playback for live event.
- 4 channel network streaming to multiple platforms (RTMP/SRT/NDI).
- ISO recording for all inputs and output.

Interface	Input	3G-SDI HDMI 2.0 USB 2.0 USB 3.0	4xSDI 4xHDMI 2xUSB-A 2xUSB-A	SDI 1080p Input HDMI 4k Input Video Playback/Image Loading/UVC Input
	Output	HDMI 1.3 USB 3.0	3xHDMI-A 1xUSB Type-C	PVW/PGM /PST Multiplexed Output UVC Output Interface
	Audio	MIC IN PHONES LINE OUT	2x3.5mm Audio 2x6.35mm XLR Jacks 1x3.5mm Audio 1x3.5mm Audio	Compatible with MIC/LINE Stereo Input Compatible with MIC/LINE Stereo Input Headphone Monitoring Output Line Output
	Control	LAN	1xRJ45	Network Control PTZ Camera
	Serial	RS422 RS485 RS232	1×LAN 1×Serial	PTZ Camera Control; Reverse Control of the Switcher by External Control Devices
Input Resolution	SDI HDMI			720p50/60.1080i50/60、1080p24/30/50/60、720p50、720p59.94、720p60、 1080023.98、1080o24.1080025、1080o29.97.1080030. 1080p50、1080p59.94、1080p60、1080i50、 1080159.94、1080160、2160p30/50/60
Output Resolution	HDMI USB 3.0 Sampling		SMPTE Streaming YUV 4:4:4	1080p24/25/30/48/50/60 1080p24/25/30/48/50/60
Perf.	Overall Delay Audio Delay			<3 frames 0-500ms (0-30/25 Frame)
Power	Input Power Constant Power			12V/3A 30W
Temp	Temp Hum			0℃~70℃ 10%~85%
Weight	Weight			2.85kg
Size	Size			400*224*64.6 mm



NeoLIVE N7S

All-in-One 7-Ch Streaming Switcher



- 15.6-inch large screen for monitoring.
- Integrated 6-channel HDMI + 6-channel SDI full access.
- Supports 4K signal input and multi-channel output of PGM/MV.
- Equipped with T-bar joystick and crystal buttons for precise and smooth switching.
- Built-in web server, enabling remote control via cross-platform browsers.
- AI intelligent subtitles with real-time speech recognition and on-screen display.
- One-click SUPER SOURCE for multi-screen simultaneous production.
- Supports multi-platform streaming, compatible with RTMP/SRT/NDI protocols.
- Supports one-click horizontal/vertical screen switching and multifunctional composite input.

Interface	Input	3G-SDI HDMI 2.0 HDMI 1.3 USB-A 2.0	6x SDI 4xHDMI 2xHDMI 2xUSB-A	SDI 1080p Input HDMI 4K Input Ports HDMI 1080P Input Ports Video Playback/Image Loading/UVC Input
	Output	HDMI-A 1.3 SDI 3G USB-A 3.0	2xHDMI-A 2xSDI 1xUSB	PVW/PGM /PST Multiplexed Output UVC Output Interface
	Audio	MIC IN PHONES LINE OUT	2x3.5mmAudio 2x6.35mm卡侬口 1x3.5mmAudio 1x3.5mmAudio	Compatible with MIC/LINE Stereo Input Compatible with MIC/LINE Stereo Input Monitoring Output Line Output
	Control	LAN	1xRJ45	Network Control PTZ Camera Control
Input Resolution	SDI HDMI		720p50、720p59.94、720p60、1080P24/30/50/60 1080p23.98、1080p24、 1080p25 1080p29.97、1080p30、1080p50、1080p59.94、1080p60、1080i50 、1080i59.94、1080i60、（HDMI IN1-4）2160p30/50/60	
Output Resolution	HDMI SDI USB 3.0 Sampling	SMPTE Streaming YUV 4:4:4	1080p24/25/30/48/50/60 1080p24/25/30/48/50/60	
Perf.	Overall Delay Audio Delay		<3 frames 0-500ms (0-30/25 Frame)	
Power	Input Power Constant Power		12V/2A 24W	
Temp	Temp Hum		0℃~70℃ 10%~85%	
Weight			5.85kg	
Size			382mm*303.5mm*62mm	



NeoLIVE N8S

All-in-One 10-Ch Streaming Switcher



- Supports 8-Channel Mixed Input Including 4 HDMI And 4 SDI Ports.
- Supports Playback Of Media From External Storage Devices (2 Channels).
- Supports 4-Channel IP Streaming to Different Platforms for online Live Streaming.
- Built-in 15.6-inch Large screen, Eliminating The Need For An External Monitor.
- Supports One-Click Switching Between Landscape And Portrait BroaPowerast Modes To Adapt To Various Modes.
- Supports Internal Recording From USB Flash Drives And External Hard Drives.
- Supports Real-Time Overlay Output of Station Logo Files And Subtitles, With Multiple Subtitle Effect Templates Available.
- Supports PGM Output And Variable-Channel MV Output.

		N8S	N8H	
Interface	Input	HDMI1.3*4 3G-SDIx4 USB-A3.0	HDMI1.4*8 USB-A3.0	1080PInput 1080pInput Video Playback/Image Loading
	Output	3G-SDIx1 HDMI1.3x1 HDMI1.3x1 USB-A 3.0X1 DB-25p	HDMI1.4x1 HDMI1.4x1 USB-A 3.0X1 DB-25p	PGM Output PGM Output MV Output UVC Output Ports Connecting a TALLY LED
	Audio	AUDIO IN LINE OUT	2x3.5mmAudio 1x3.5mmAudio	Unbalanced Audio Inputs Audio Output
	Control	LAN	1xRJ45	Network Control
Input Resolution	SDI HDMI		720p50/60、1080i50/60、1080p24/30/50/60720p50 720p59.94、720p60、1080p23.98、1080p24、1080p25 1080p29.97、 1080p30,1080p50、1080p59.94、1080p60、1080i501080i59.94、1080i60	
Output Resolution	HDMI SDI USB 3.0 Sampling		1080p24/25/30/48/50/60，1080i50/60 1080p24/25/30/48/50/60，1080i50/60 1080p24/25/30/48/50/60 YUV4:2:2	
Perf.	Overall Delay Audio Delay		<3 frames 0-2000ms	
Power	Input Power		12V/3A	
Temp	Temp Hum		5℃~40℃ 10%~85%	
Weight			6.1kg	
Size			382*310.5*72mm	



NeoLIVE N5-4K

All-in-One 5-Ch UHD Streaming Switcher



- 1.Built-in 15.6-inch Large Screen, No Need For An External Monitor.
- 8-to-4 Input Signal, Configurable, Supporting 4K Input.
- Supports Multiple HDMI And SDI Outputs At 4K 60Hz.
- Supports One-click Switching Between Portrait And Landscape Modes.
- Supports Optional Recording in 4K and 1080p.
- Supports Up To 4 IP Streams To Different Platforms For Online Live Streaming.
- USB 3.0 UVC Output Signal
- Supports Internal Playback And Output Of Video Files.

Interface	Input	HDMI2.0*4 12G-SDIx4 USB-A3.0		4kInput 4kInput Video Playback/Image Loading
	Output	12G-SDIx2 12G-SDIx2 HD-SDI HDMI2.0x1 DP x 1 USB-A 3.0X1 DB-25p		PGM Output AUX Output PVW /PGM /PST Multiplexed Output PVW /PGM /PST Multiplexed Output (MLUTIVIEW OUT) UVC Output Ports Connecting a TALLY LED
	Audio	AUDIO IN LINE OUT	2x6.35mmAudio 1x3.5mmAudio	Unbalanced Audio Inputs Audio Output
	Control	LAN NMS	1xRJ45 1xRJ45	Network Control Backend WEB Access Version Upgrade
Input Resolution	SDI/HDMI		3840x2160p60/59.94/50/30/29.97/25 1080p60/59.94/50/30/29.97/251080i60/50	
Output Resolution	HDMI/SDI USB 3.0 Sampling		3840x2160p60/59.94/50/30/29.97/25/1080p60/59.94/50/30/ 29.97/25/1080i60/50,multiview:1080p60/50 1080p24/25/30/48/50/60 YUV4:2:2	
Perf.	Overall Delay Audio Delay		<3 frames 0-2000ms	
Power	Input Power		12V/5A	
Temp	Temp Hum		5℃~40℃ 10%~85%	
Weight			6.1kg	
Size			382*310.5*72mm	



NeoLIVE ME5

4K Touch Broadcast Switcher



- 10.1-inch Touchscreen with H/V Multiview.
- Built-in Multi-functional Input Channel.
- Support HDMI & SDI Input & Output.
- 4K Input & Loop Out for Hybird Event.
- Supports Flexible PGM & MV Output.
- Dual Channel XLR Audio Interface.
- Dual Channel RTMP/SRT Streaming.
- Built-in Media Player for Direct Playback.
- Supports Recording by USB Disk and HHD.
- Built-in Web Server for Web Browser Control.

Interface	Input	3G-SDI HDMI 2.0 USB 2.0	4xSDI 4xHDMI 2xUSB USB-A	SDI 1080p Input HDMI 4K Input Video Playback/image Loading/uvc Input
	Output	3G-SDI 1 HDMI 1.3 HDMI 1.3 USB 3.0	1xSDI 1xHDMI-A 1xHDMI-A 1xUSB Type-C	PGM Output PGM Output PVW / PGM / PST Selectable Output UVC Output
	Audio	MIC I N PHONES	2x3.5mm Audio Jacks 2x6.35mm XLR Jacks 1x3.5mm Audio Jack	Compatible With Mic/line Stereo Input Compatible With Mic/line Stereo Input Monitoring Output
	Control	LAN	1xRJ45	Network Control PTZ Camera Control
Input Resolution	HDMI	SMPTE VESA	720p@50/60 | 1080i@50 | 1080p@24/30/50/60 1024x768@60 I 1280x768@60 I 1280x800@60 1280x1024@60 I 1360x768@60 I 1366x768@60 1440x900@60 I 1600x1050@60 I 1680x1050@60 1920x1080@23.98/24/25/29.97 /30/50/59.94/60 3840x2160@30/50/60	
Output Resolution	HDMI USB 3.0 Sampling	SMPTE Video Streaming	1080p@24/30/50/60 1080p@24/30/50/60 YUV 4:4:4	
Perf.	Overall Delay Audio Delay		<3 Frame 0-500ms (0-30/25 Frame)	
Power	Input Power Constant Power		12V/2A 20W	
Temp	Temp Hum		0℃ ~70℃ 10%~85%	
Weight			3kg	
Size			340mm x 212mm x 80mm	



NeoLIVE MD8

Multifunctional Directior Switcher



- Built-in 8-inch Touchscreen.
- Multi-Channel Video Input.
- Custom Multi-Layer Layouts.
- Web-Based Overlay & Dynamic Control.
- Internal & USB Recording.
- Live Streaming via Wi-Fi & Ethernet.
- One-Tap Streaming with Popular Apps.
- Built-in High-Capacity Battery.
- Wireless Mobile Integration.

Product Name	ME8 Portable Live Production Studio
Screen	8"Touchscreen,1920×1200 Resolution
Memory	4GB RAM + 64GB ROM
CPU	Qualcomm Snapdragon
Battery	8000mAh Lithium Battery,Type-C Fast Charging
HDMI Input	IN1: 1920x1080@30/50/60Hz ,IN2: 3840x2160@30Hz, 1920x1080@30/50/60Hz
USB Input	IN1 &IN2:USB Camera and USB Storage Supported
HDMI Output	1920x1080@30/50/60Hz
Video Codec	H.264 / H.265
Audio I&O	3.5mmAudio
Size	201. 8 X125.5 X21. 5MM
Weight	697g
Charger	18W Fast Charging Adapter



NeoLIVE N5 / N5S

5-CH Live Streaming Switcher
HDMI/SDI/Multi-Functional Input



- 10.1-inch Flip-Up Screen for Easy Operation.
- Super Source for Input Composition.
- Support NDI(Optional) Input with Low-Latency Video Via Ethernet.
- N5S Features 4 in 8 Optional Input Channels (4 x SDI and 4 x HDMI) .
- Type-C USB 3.0 UVC & UAC Stream.
- Supports 4K Input Signal Sources.
- UVC Camera & Remote Camera Access.
- Built-In Media Player for Direct Playback.
- Flexible PGM Output and MV Output.
- Supports USB & HDD Recording.
- Built-In Portrait & Landscape Multiview.
- Built-In Web Server for Remote Control.
- Support Dual Channel Stream Via Ethernet.

			N5	N5S
Interface	Input		HDMI2.0x2 4K Input Interfaces HDMI1.3x2 1080P Input Interfaces USB-A2.0 Video Playback/File Loading UVC Input	3G-SDIx4 1080p Input Interfaces HDMI2.0x2 4K Input Interfaces HDMI1.3x2 1080P Input Interfaces USB -A2.0 Video Playback /File Loading /UVC Input
	Output		HDMI1.3x1 PVW / PGM / PST Output HDMI1.3x1 MVOutput USB-C 3.0 UVC Output Port	3G-SDIx1 PGM Output HDMI1.3x1 PVW / PGM / PST Output HDMI1.3x1 MV Output USB-C 3.0 UVC Output Port
	Audio	MIC IN PHONES	2x3.5mm Stereo Jack 1x3.5mm Stereo Jack	Compatible with MIC/Line Input Audio Monitoring
	Control	LAN	1xRJ45	LAN Control / Stream / PTZ Control
Input Resolution	SDI HDMI	SMPTE SMPTE VESA	720p@50/60 | 1080i@50 | 1080p@24/30/50/60 720p@50/60 | 1080i@50 | 1080p@24/30/50/60 1024x768@60 I 1280x768@60 I 1280x800@60 1280x1024@60 I 1360x768@60 I 1366x768@60 1440x900@60 I 1600x1050@60 I 1680x1050@60 1920x1080@23.98/24/25/29.97 /30/50/59.94/60 （IN1/IN2） 3840x2160@30/50/60	
Output Resolution	SDI HDMI USB 3.0	SMPTE SMPTE Video Streaming	1080p@24/30/50/60 1080p@24/30/50/60 1080p@24/30/50/60	
Perf.	Sampling Overall Delay Audio Delay		YUV 4:4:4 <3 Frame 0-500ms (0-30/25 Frame)	
Power	Input Power Constant Power		12V/2A 20W	
Temp	Temp Hum		0℃~70℃ 10%~85%	
Weight	Weight		2.1kg	
Size	Size		250mm x 206mm x 63mm	



NeoLIVE R5PRO / R5PRO-S

Fully Upgraded Multi-Functional Live Streaming Switcher



- Super Source for Input Composition.
- 5.5-inch screen with H/V Multiview.
- Built-in Multi-functional Input Channel.
- Support 4 in 8 Optional Input (4 x SDI and 4 x HDMI).
- Type-C USB 3.0 UVC & UAC Stream.
- Supports 4K Input Signal Sources.
- Built-in Media Player for Direct Playback.
- Flexible PGM Output and MV Output.
- Supports Lower Third Overlay.
- Built-in Recording by USB Disk and Hard Drive.

Interface	Input	3G-SDI HDMI 2.0 HDMI 1.3 USB 2.0	4xSDI 2xHDMI 2xHDMI 1xUSB Type A	SDI 1080p Input HDMI 4K Input Interfaces HDMI 1080P Input Interfaces Video Playback /File Loading /UVC Input
	Output	3G-SDI HDMI 1.3 HDMI 1.3 USB 3.0	1xSDI 1xHDMI-A 1xHDMI-A 1xUSB Type-C	PGM PGM PVW/PGM/PST UVC Output Port
	Audio	MIC IN PHONES	2x3.5mm Stereo Jack 1x3.5mm Stereo Jack	Compatible with MIC/Line Input Audio Monitoring
	Control ation	LAN	1xRJ45	LAN Control / Stream PTZ Control
Input Resolution	HDMI	SMPTE VESA	720p@50/60 | 1080i@50 | 1080p@24/30/50/60 1024x768@60 I 1280x768@60 I 1280x800@60 1280x1024@60 I 1360x768@60 I 1366x768@60 1440x900@60 I 1600x1050@60 I 1680x1050@60 1920x1080@23.98/24/25/29.97 /30/50/59.94/60 （IN1/IN2） 3840x2160@30/50/60	
Output Resolution	HDMI USB 3.0 Sampling	SMPTE Video Streaming	1080p@24/30/50/60 1080p@24/30/50/60 YUV 4:4:4	
Perf.	Overall Delay Audio Delay		<3 Frame 0-500ms (0-30/25 Frame)	
Power	Input Power Constant Power		12V/2A 20W	
Temp	Temp Hum		0℃~70℃ 10%~85%	
Weight			2kg	
Size			261mm x 144mm x 49mm	



NeoLIVE R5 / R5S

Fully Upgraded Multi-Functional Live Streaming Switcher



- Supports Type-A USB 3.0 Lossless Stream.
- 5-Ch Video Inputs Including 2x SDI Inputs and 2x 4k HDMI Inputs.
- Built-in Multi-functional Input Channel.
- Built-in Media Player for Direct Playback.
- Flexible PGM Output and MV Output.
- Supports Lower Third Overlay.
- Supports In-House Recording by USB Disk and Hard Drive.
- Built-In Portrait & Landscape Multiview.
- Built-in Server for Web Browser Control.
- Dual Channel RTMP Streaming Through Ethernet.

Interface	Input	HDMI 2.0 3G-SDI USB 2.0	2xHDMI 2xSDI 1xUSB Type A	HDMI 4K Input Interfaces HDMI 1080P Input Interfaces Video Playback /File Loading /UVC Input
	Output	HDMI 1.3 HDMI 1.3 USB 3.0	1xHDMI-A 1xHDMI-A 1xUSB Type A	PGM PVW/PGM/PST UVC Output Port
	Audio	MIC IN PHONES	2x3.5mm Stereo Jack 1x3.5mm Stereo Jack	Compatible with MIC/Line Input Audio Monitoring
	Control ation	LAN	1xRJ45	LAN Control PTZ Control
Input Resolution	HDMI SDI	SMPTE VESA	720p@50/60 | 1080i@50 | 1080p@24/30/50/60 1024x768@60 I 1280x768@60 I 1280x800@60 1280x1024@60 I 1360x768@60 I 1366x768@60 1440x900@60 I 1600x1050@60 I 1680x1050@60 1920x1080@23.98/24/25/29.97 /30/50/59.94/60 （IN1/IN2） 3840x2160@30/50/60	
Output Resolution	HDMI USB 3.0	SMPTE Video Streaming	1080p@24/30/50/60 1080p@24/30/50/60	
Perf.	Sampling Overall Delay Audio Delay		YUV 4:4:4 <3 Frame 0-500ms (0-30/25 Frame)	
Power	Input Power Constant Power		12V/2A 20W	
Temp	Temp Hum		0℃~70℃ 10%~85%	
Weight			4kg	
Size			244mm x 120mm x 50mm	



NeoLIVE R2 PLUS

Multifunctional Broadcast Switcher



- Support 5.5 Inch 1080P LCD Display with Better Image Quality.
- Support Type-C USB 3.0 Lossless Streaming.
- Support USB Flash Disk and Portable HDD Recording.
- Support Dual Channel RTMP Streaming via Ethernet.
- Support 4x HDMI Input.
- Support 4x PTZ Camera Control by Joystick Easily.
- Support PNG Logo & JPG File Loading Directly Via USB Flash Disk.
- Support Dual HDMI Output for PGM.
- Support FADE, DIP, DVE, MIX and More Transition Effects.
- Support Built-In Audio Mixer.
- Support Built-In Audio/Line Port for Monitoring.
- Support Built-In Web Page for Wireless Remote Control.

Interface	Input	HDMI 1.3 USB 2.0	4xHDMI-A 1xUSB A	HDMI Source Interface Load Image / Recording
	Output	HDMI1.3 USB 3.0	2xHDMI-A 1xUSB C	PGM Output UVC Output Interface
	Audio	IN PHONES	2x3.5mm Stereo Jack 1x3.5mm Stereo Jack	MIC / LINE Stereo Input Monitoring Output
	Control	LAN	1xRJ45	LAN Port Control LAN Port Stream PTZ Control
Input Resolution	HDMI	SMPTE VESA	720p@50/60 | 1080i@50 | 1080p@24/30/50/60 1024x768@60 I 1280x768@60 I 1280x800@60 1280x1024@60 I 1360x768@60 I 1366x768@60 1440x900@60 I 1600x1050@60 I 1680x1050@60 1920x1080@23.98/24/25/29.97 /30/50/59.94/60	
Output Resolution	HDMI USB 3.0	SMPTE Video Streaming	1080p@24/30/50/60 |1080i@50/60 1080p@24/30/50/60	
Perf.	Sampling Overall Delay Audio Delay		YUV 4:4:4 <3 Frames 0-2000ms	
Power	Input Power Constant Power		12V/1.5A 18W	
Temp	Temp Hum		0℃~70℃ 10%~85%	
Weight			0.5kg 1.25kg	
Size			220mm x 126mm x 33mm 260mm x 160mm x 120mm	



SG-4K

Signal Generator



- 4.3-inch screen for clear and intuitive image display.
- Supports diverse output including HDMI, 3G-SDI and SFP.
- Built-in multiple signal outputs such as SMPTE color bars.
- Supports linear testing.
- Users can customize and import patterns as test images.
- Built-in audio function, supporting up to 16 embedded audio channels.
- Powered by 12V DC or 5V (USB Type-C).
- Metal housing features high durability, drop resistance and excellent thermal conductivity.
- Adopts FPGA design with powerful performance and smooth control, ensuring long-term stable operation to meet debugging and testing requirements.

HDMI 2.0 -VESA	1024×768 (XGA), 1280×1024 (SXGA), 1920×1080 (Full HD), 2560×1440 (QHD), 3840×2160 (4K UHD) 60Hz/75Hz/120Hz ,144Hz/165Hz/240Hz RGB, YCbCr 4:4:4,YCbCr 4:2:2,YCbCr 4:2:0	
HDMI 2.0 -CEA861	480p (720×480), 720p (1280×720), 1080i (1920×1080 interlaced), 1080p (1920×1080 progressive), 2160p (3840×2160 4K UHD) , 4096x2160(PowerI-4K) 24Hz, 30Hz, 50Hz, 60Hz, 120Hz (limited) RGB, YCbCr 4:4:4,YCbCr 4:2:2,YCbCr 4:2:0	
SD-SDI	525/625 YCbCr 422 10bits	
HD-SDI	1280x720,1920x1080,2048x1080 23.98/24/25/29.97/30/50/59.94/60p,23.98/24/25/29.97/30p,23.98/24/25/29.97/30psf,50/59.94/60i YCbCr 422 10bits	
3G-SDI	1280x720,1920x1080,2048x1080 23.98/24/25/29.97/30/50/59.94/60p,47.95/48/50/59.94/60p,23.98/24/25/29.97/30p, 23.98/24/25/29.97/30psf,50/59.94/60i,47.95/48/50/59.94/60i YCbCr422 10bits,GBR 444 10bits,GBRA 4444 10bits,YCbCr 444 10bits,YCbCrA 4444 10bits, GBR444 12bits ,YCbCr 444 12bits,YCbCr 422 12bits Level A,Level B-DS,LevelB-DL	
Interface	USB TYPE-C	For Power Supply, Software Control
	Video Output	3GSD x 2 / SFP x 1 / A HDMI x 1
Feature	Timing	SD-SDI / HD-SDI / 3G-SDI Leve A / 3G-SDI Level B-DL / 3G-SDI Level B-DS
	Pattern	Color Bar 100%/75%/SMPTEEG1-1990/SMPTERP219 |ColorField |EQ Test/PLL Test |Ramp |Window |Custom Value |Picture
	Audio	DB:0~-60db|Frequency:20~20000|Support Phase Adjustment
	Audio Channel	SDI16Channel|HDMI8Channel
	Timecode	LTC / VITC
	Image Overlay	Frame Count,Circle,Border,Center Cross
	Image traverse	Support Up,Down,Left,Right Movement and Customized Step Size
	Power Supply	DC12V or 5V (USBTYPE-C)
	Size (LDW)	135.2 x 117.2 x 35.6mm
	Weight	310g
	Operating Temperature	0°C~50°C Storage -30C~70°C



PM-2K

2 K@60Hz Portable HD Monitor



- Support HDMI 1.3 & mini DP for 2K60 HD display.
- Full Function Type-C Interface .
- OSD Display Menu.
- Built-in Dual Channel speaker .
- Support 3.5mm headphone plug .
- Flexible PD power from 5-20 V.

Module	PM133-HD / PM156-HD / PM173-HD	
Specifications	Color	Black
	Screen Size	13.3 inch | 15.6 inch | 17.3 inch
	Panel Type	IPS
	Brightness	300 cd/㎡
	Color Gamut	NTSC 72% (sRGB99%)
	Speaker	Built-in 2 w speaker
	Contrast	1000:01:00
	Viewing Angle	178°
	Aspect Ratio	16:9
	Max Resolution	1920x1080@60Hz
Type	HDMI	HDMI 1.3 with downward capacity，support HDCP2.2
	mini DP	DP1.2 with downward capacity
	Type-C	for Mobile Phone and PC that support type-C
	Audio	3.5mm
	Type-C PD	Compatible with PD power 5-20 Volt
Mechanical	Size	360mm x 225mm x 11mm
	Weight	800g



PM-4K

4 K@60Hz Portable UHD Monitor



- Support HDMI 2.0 & mini DP for 4K60 UHD display.
- Full Function Type-C Interface .
- OSD Display Menu.
- Built-in Dual Channel speaker .
- Support 3.5mm headphone plug .
- Flexible PD power from 5-20 V.

Module	PM133 / PM156 / PM173	
Specifications	Color	Black
	Screen Size	13.3 inch | 15.6 inch | 17.3 inch
	Panel Type	IPS
	Brightness	300 cd/㎡
	Color Gamut	NTSC 72% (sRGB99%)
	Speaker	Built-in 2 w speaker
	Contrast	1000:01:00
	Viewing Angle	178°
	Aspect Ratio	16:9
	Max Resolution	3840x2160@60Hz
Type	HDMI	HDMI 2.0 with downward capacity，support HDCP2.2
	mini DP	DP1.2 with downward capacity
	Type-C	for Mobile Phone and PC that support type-C
	Audio	3.5mm
	Type-C PD	Compatible with PD power 5-20 Volt
Mechanical	Size	360mm x 225mm x 11mm
	Weight	800g





2

ProAV

VA1

2K Video Processor



- Supports seamless splicing & switching, with cross-fade for all signals, smooth transition without black screen.
- Max output resolution up to 1920×1200; custom adjustable I/O resolution for pixel-perfect display.
- Front & rear dual USB ports, plug-and-play mixed video/image playback with multi-format compatibility.
- Integrated EDID management and third-party protocol control, widely compatible with various display devices.
- Built-in integrated sending card, simplifying system installation and deployment.
- Signal hot backup available; auto switch to backup input for stable broadcast operation.
- Synchronous audio & video switching, with 3.5mm audio interface, compatible with HDMI, DVI and USB audio input.
- Rich onboard interfaces: VGA, CVBS, DVI, HDMI, dual USB, SDI loop out and more for multi-device connection.
- Multiple control options: panel buttons, RS232 and USB, easy for daily operation.

Interface	Input	Standard	1 × DVI / 1 x HDMI / 2 x USB 1 × VGA / 1x CVBS
		Optional	1 × SDI + LOOP
	Output	Standard	2 × DVI 1 x 3.5mm Audio Jack
	Operation		Front Panel+RS232/USB Open Protocol Control
Input Resolution	DVI HDMI		VESA: 800x600 | 1024x768 | 1280x1024 | 1600x1200 | 1920x1080 | 1920x1200 | 2048x1152 SMPTE: 480i | 576i | 720p | 1080i | 1080p |
	VGA		VESA: 800x600 | 1024x768 | 1280x720 | 1280x800 | 1280x960 | 1280x1024 | 1400x1050 | 1600x1200 | 1920x1080 |1920x1200 | 2048x1152
	CVBS		800x600 | 1024x768 | 1280x1024 | 1600x1200 | 1920x1080 |1920x1200 SMPTE: 480i | 576i
	USB		Video: 720P rm | rmvb | mp4 | mov | mkv | wmv | avi | 3gp Picture: jpg | jpeg | png | bmp
Output Resolution	SMPTE VESA		720p | 1080p 1024x768 | 1280x720 |1280x1024 | 1400x1050 | 1600x1200 | 1920x1080 |1920x1200 | 2048x1152| 2560x816 1024x1280 | 1152x1152 |1280x1280 |1536x1536
Input Power	AC 100~264V （Typical110/220 ） 50/60Hz		
Pmax	20W		
Temp	-25℃~55℃（ Typical 25 ℃）		
Hum	20%~90%		
Weight	Net Weight Gross Weight		3.0kg （Device） 4.0kg （Packed）
Size	480mm x 265mm x 44mm （Device） 540mm x 365mm x 135mm （Packed）		
Product Code	P180-VA1-000-01 1U Scaler &Switcher with Small Button		



VD2 Plus/VD4/VD8

3D/4K Modular Video Wall Processor



- DV-M Input Module Compatible with HDMI/DVINGAPbPr/Cvbs (With Adapter).
- 4K@60fps Module Support 1 Channel 3840x2160@60fps(Downward Compatible) in Both HDMI2 .0 and DP 1.2.
- Support 3840x2160@30fps in 2 Channels with HDMI 1.4, Dual Link DVI, DP1 .1 or HDBaseT.
- Support Customized Output Resolution with in 2048x1200@60Hz.
- Support 1024x768-1280x800@120Hz for 3D Project.
- Support 1920x1080@120Hz and UHD Resolution.
- Support Creative Mapping with any Degree Rotation.

Model		VD2 Plus	VD4	VD8
Specification		2U	3U	8U
Number of Input Slots		3	4	10
Number of Output Slots		2	5	10
Mixed-insert Input Module		Not supported	Output card slot No.1~5	Output card slot No.1~10
Size	Device Dimensions	485 x 390 x 90mm	485 x 390 x 135mm	485 x 390 x 270mm
	Package	525 x 440 x 205mm	525 x 440 x 225mm	525 x 440 x 450mm
	Device Weight	7.5KG	9KG	12KG
Power	Input Voltage	AC 100V~240V, 50/60Hz		
	Power Consumption	90W	250W	300W
Work Enviro - nment	Working Temperature	0°C~ 70°C		
	Storage Humidity	15~85% RH		

Input Module	DVI-Mx4, DVI-Dx4, VGAx4, HDMIx4, SDIx4, CVBSx4, HDMI 1.4x2, 4K@60fps HDMI/DPx3, IPx2,HDBaseTx4, Duallink DVI/DPx2, HDBaseT+ HDMI 1.4x(2+2), Fiberx4
Output Module	DVI-Mx4, HDMIx4, HDMI 1.4x2, Fiberx4, HDBaseTx4, 90° Rotation Outputx2, Any Rotation Outputx2
System Control Card	Comm. Board / H.264 Preview Module / DVI Preset Module

VD PRO

Fully Modular Video Wall Controller



- Pure hardware FPGA architecture with fully modular I/O design, hot-swappable I/O cards for flexible signal expansion.
- Multi-window roaming, overlay and scaling supported; multi-layer display available per channel.
- Seamless, black-free and flicker-free signal switching for uninterrupted display.
- Intelligent EDID management, auto-adaptive to displays and multi-signal compatibility.
- Edge blending, geometric correction and output rotation, suitable for curved, special-shaped and vertical screens.
- Multi-mode preview loopback for real-time I/O signal monitoring and easy maintenance.
- Redundant power hot backup, high stability and reliability for long-term command center operation.
- Multiple control via network, serial port, WEB and tablet; compatible with third-party central control systems.

Model	Description	Bare Unit Dimensions	Weight	High Power
VD PRO-2	2U chassis,5 slots,supporting up to 3 input cards and 2 output cards, equipped with a single power supply (central control compatible) (mixed insertion not supported) remote power on/off available.	485×325×90mm 570×450×205mm	7.5kg	90W
VD PRO-3	3U chassis, 9 slots, supporting up to 8 input cards and 5 output cards,equipped with a single power supply.	485×325×135mm 570×450×250mm	9kg	250W
VD PRO-4	4U chassis, 13 slots,supporting up to 11 input cards and 6 output cards,compatible with dual redundant power supply,single power supply included.	485×325×180mm 570×450×320mm	12kg	300W
VD PRO-8	8U chassis, 20 slots, supporting up to 18 input cards and 10 output cards,compatible with dual redundant power supply,single power supply included.	485×310×370mm 596×456×502mm	18kg	450W
VD PRO-14	14U chassis, 40 slots, supporting up to 38 input cards and 20 output cards,compatible with quad redundant power supply,dual power supplies included.	485×310×548mm 596×456×763mm	21kg	800W
VD PRO-18	18U chassis, 59 slots, supporting up to 39 input cards and 20 output cards,compatible with quad redundant power supply,three supplies included.	485×410×800mm 650×420×910mm	25kg	1000W
VD PRO-26	26U chassis, 80 slots, supporting up to 40 input cards and 40 output cards, compatible with quad redundant power supply, four ower supplies included.	485×410×1170mm 650×420×1280mm	40kg	2000W

Power Supply	VDPRO-300W	Suitable for 2U/3U chassis, non-redundant power supply.
Power Supply	VDPRO-550W	Optional redundant power supply, applicable to 8U, 12U/14U and 26U models, supporting 100–240V AC power input.
Optical Module	VDPRO-LC-M	850nm Multimode
Optical Module	VDPRO-LC-S	1310nm Singlemode



VD-8K Ultra

Broadcast-grade 8K Video Splicing Processor



- 8K4K@60Hz Input&Output Support.
- Supports 240/360/480/960Hz Input Sync, Ideal for XR Production, 3D Displays,AndHigh-Dynamic Applications.
- Multi-Layer Processing, Up to 288 4K Layers or 72 8K Layers System-Wide.
- 12-Bit Processing with Wide Color Gamut for True HDR Signal Delivery.
- Processes RGB 4:4:4 Color Sampling for Superior Image Quality.
- High Frame Rate Synchronization.
- Integrated Audio-Video Processing.
- Supports Embedded/De-Embedded Audio Signal.
- Cross-Platform Web Control &APl Support.

Input Module	8xHDMI1.4,4 x HDMI 2.0/4 x DP 1.2,2 x DP 2.1/2 x HDMI 2.1/2 x Type-C,4 x 12G SDI, 4 x HDbaseT,4 x FIBER,2 x RJ45
Output Module	8xHDMI1.4,4 x HDMI 2.0/4 x 3.5mm TRS,4 x 12G SDI,4 x FIBER,4 x FIBER LED,24 x RJ45 LED, 1 x RJ45/3 x VESA BNC/3 x 3PIN DIN
Control Module	2 x RS232 /1 x HDMI/1 x RJ45/2 x BNC

Product Name	VD-8K 3U	VD-8K 5U	VD-8K 10U	VD-8K 16U	VD-8K 26U
Specification	3U	5U	10U	16U	26U
Input Card Slots	3	6	10	20	36
Output Card Slots	2	4	10	13	24
InputV Volt	AC 110-240V, 50Hz				
Max.4K Layer	12	48	120	156	288
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F				
Working Humidity	20~90% RH (No Condensation)				
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F				



VD-8K 2U

8K Video Wall Processor for ProAV



- 8K lossless image architecture: DP2.1 supported for 8K@60Hz 4:4:4 lossless point-to-point transmission, breaking 4:2:0 limit and fully compatible with Mac Thunderbolt full-bandwidth output.
- Full 8K input: HDMI2.1/DP1.4/DP2.1/Type-C compatible, with custom 8K resolution and max input up to 15360×2160@60Hz.
- Flexible output expansion: 4-channel HDMI2.0 4K@60Hz output, supporting independent display and multi-screen splicing custom configuration.
- Ultra-wide resolution adaptation: custom non-standard resolution available, max 16K horizontal input for 8K/16K LED large screens.
- Diversified control: network, direct mouse control, touch screen and RS232 central control, delivering efficient visual operation.
- Synchronous AV processing: separate output of embedded and analog audio, multi-signal switching and backup for stable system operation.
- Genlock frame synchronization: Genlock input & loop out enabled for multi-device synchronous output, free of screen tearing and latency.

Input Video Interface		
Port	Number	Parameter
HDMI 2.1	2	CEA Standard Compliance, 8K HDMI input, compliant with the HDMI 2.1 standard,supports the full-bandwidth 12G FRL mode, with a typical resolution of 7680×4320.
Displayport 1.4	2	VESA Standard Compliance, Supports the DP 1.4 standard, with a typical resolution of 3840×2160@120Hz or 7680×4320@30Hz.
Type-C	2	Supports graphics card Type-C output, with a typical resolution of 7680×4320@30Hz.
Displayport 2.1	1	VESA Standard Compliance, Supports the DP 2.1 protocol, with typical resolutions of 16K horizontal (15360×2400) or 8K@60Hz (7680×4320) 4:4:4 .
Output Video Interface		
HDMI2.0	4	CEA Standard Compliance, 4K HDMI output, compliant with the HDMI 2.0 standard, supports the full-bandwidth 18Gbps mode, with typical resolutions of 3840×2160@60Hz or 3680×2400@60Hz, and supports non-standard custom output.
Audio Output	4	3.5mm standard audio output interface
Other Interface		
Genlock IN	1	BNCInput
Genlock Loop	1	BNCOutput
RS232	2	Control interface, supporting central control system integration
RJ45	1	Gigabit Ethernet control interface

Other Parameter	
Pmax	150W
Size	485×325×90mm



MX Series

Broadcast-Grade 8K Video Processor



- Supports Up/Down Scaling for Each Channel.
- Maximum Video Resolution up to 4K@50/60 RGB 4:4:4 24-BIT.
- Modular Design with Hybrid Card-based Matrix Architecture.
- Supports a Wide Range of InputOutput Formats: HDMI, DVI-U (DVINGAN PBPR/CVBS)VGA,12G/3G/HD/SD-SDI, HDBaseT And FIBER Optics.
- Supports Seamless Switching.
- Supports Video Wall Splicing.
- Independent Resolution Setting for Each Output Channel.
- Audio Embedding and De-embedding Capabilities.
- Multiple Control Methods: Front Panel Buttons, IR Remote, RS-232TCP/IP, Web GUI, and PC Control Software

Model		MX 0808	MX 1616	MX 3636
Specification		2U	3U	6U
Number of Input Slots		2	4	9
Number of Output Slots		2	4	9
Size	Bare Metal Size	483x377x89mm	483x379x133mm	483×378×266mm
	Bare Metal Weight	5.95KG	8.62KG	15.4KG
Power	Input Voltage	AC 100-240V, 50Hz		
	Power Consumption	40W~190W (With Different Input and Output Boards)	80W~320W (With Different Input and Output Boards)	200W~840W (With Different Input and Output Boards)
Work Enviro - nment	Working Temperature	0°C~ 40°C/ 32°F ~ 104°F		
	Storage Humidity	20~90% RH		
	Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F		

Input Module	2K: 4 X HDMI 1.3,4 X DVI,4 X VGA,4 X HDBT(70M/100M/150M),4 X 3G SDI,4 X FIBER 4K: 4 X HDMI 2.0,4 X HDBT(70M/100M/150M),4 X FIBER
Output Module	2K: 4 X HDMI 1.3,4 X DVI,4 X VGA,4 X HDBT(70M/100M/150M),4 X 3G SDI,4 X FIBER 4K: 4 X HDMI 2.0,4 X HDBT(70M/100M/150M),4 X FIBER
Program Control Card	1 X RS-232 Serial Communication Port 4 X COM Ports (3-pin Phoenix Connectors) 3 X Standard 10M/100M Ethernet RJ45 Ports Ir-Serial & Relay & I/O Port for Central Control



VP Series

4K Video Splicing Processor



- Support Custom Output Resolution for Each Module.
- Support EDID Management.
- Support 144Hz Processing to Meet the Detailed Display Requirements of E-sports.
- Support Multi-channel 4K Input Point-to-point Splicing.
- Support Visual Software Control.
- Support IPAD Control.
- Support Flexible I/0 Slots.
- Supports 8 Layers on Single-port Display.
- Support Layer Free Roaming.
- Support 4K60 input and Output with RGB 444 Picture Quality Processing.
- Support Redundant Power Supply.

Model		VP2	VP3	VP4
Specification		2U	3U	6U
Number of Input Slots		3	4	7
Number of Output Slots		2	5	6
Mixed-insert Input Module		Not Support	Output Card Slots No.1~5	Output Card Slots No.1~6
Size	Device Dimensions	485x325x90mm	485x325x135mm	485×325×180mm
	Package	570x450x205mm	570x450x250mm	570x450x320mm
	Device Weight	7.5KG	9KG	12KG
Power	InputV / Volt	AC 110-240V, 50Hz		
	Power Consumption	90W	250W	300W
Work Enviro-nment	Working Temperature	0°C~ 40°C/ 32°F ~ 104°F		
	Storage Humidity	20~90% RH		
	Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F		

Input Module	4 X HDMI 1.3,2 X HDMI 1.4,1 X 4K@60Hz/HDMI /DP,4 X DVI,2 X IP/1 X USB,4 X SDI
Output Module	4 X HDMI 1.3,2 X HDMI 1.4,1 X HDMI/1 X RJ45,4 X DVI,2 X HDMI 2.0,4 X SDI
Control Module	2 x RS232 /1 x RJ45



PVD Series

Two-in-One Control Server



- Support DP1 .2 and HDMI 2.0 Input and 4x HDMI1 .3 Input.
- Support 26 Million Pixel Pitch, Width Max Up to 32,768 Pixel Pitch, and Height Up to 32,768 Pixel Pitch.
- Support Any Layout Within 6 Input Sources.
- Support OSD.
- Support 3D Signal Processing.
- Support Audio De-embedded.

Model		PVD 20X	PVD 30X	PVD 40X
Input				
Displayport 1.2	Quantity	1		
	Parameters	VESA Standard, Supports DP1 .2 Standard in 3840x2160@60Hz or 7680x1080@60Hz		
HDMI2.0	Quantity	1		
	Parameters	CEA Standard, 4K60 HDMI Input, Supports HDMI 2.0 Standard in 3840x2160@60Hz or 7680x1080@60Hz		
HDMI1.3	Quantity	1		
	Parameters	CEA Standard,2K HDMI Input,Supports HDMI 1.3 Standard in 1920x1080@60Hz		
Output				
RJ45 GE	Quantity	20	30	40
	Parameters	20-Port LED Sending Output Interface,13 Million Pixels Loading Capacity Within 16Kx8K Range.	30-Port LED Sending Output Interface,19.5 Million Pixels Loading Capacity Within 24Kx24K Range.	40-Port LED Sending Output Interface,26 Million Pixels Loading Capacity Within 32Kx32K Range.
Other Interfaces	Max.Power	150W		
	Dimensions	485×325×90mm		



LK2-3G

3G SDI Fiber Extender



- Supports Uncompressed Digital SDI HD Transmission Via Fiber Optic Over Long Distances.
- Auto-Ddapts to 3G/HD/SD SDI Input Signals.
- Supports Resolutions up to 1080P60Hz with Downward Compatibility.
- Enables Synchronous Long-Distance Transmission of 3D Video.
- Features Hot-Swappable SFP Module with LC Fiber Interface.
- Includes 10KM Module by Default (20/40/80KM Options Available).
- Compatible with V-Mount Battery Plate Power Supply (Optional).
- Supports Hot-Plug Capability During Operation.
- Compliant with SDI 3G, SDI HD, and SDI SD Standards.

Transmitter Interface	Standard	1 × SDI 3G Output (BNC) 1 × SDI 3G Loopout (BNC) 1 ×SFP (LC) 1 ×DC5-12V (DC-2 .5)
Receiver Interface	Standard	2 × SDI 3GOutput (BNC) 1 × SFP (LC) 1 × Power5-12V (Power-2.5)
Video Resolution	Signal Standard	SMPTE 424M, SMPTE 292M, SMPTE 259M, DVB-ASI
	Data rate	270Mbit/s - 1.48Gbit/s – 2.97Gbit/s
	Cable Balancing	250m @ 270Mbit/s, 140m @ 1.5Gbit/s, 100m @ 2.97Gbit/s
	Signal Amplitude	800mV±10%
	Signal Jitter	>0.2UI
	Resolution	1080P60/50/30/25/24HZ，1080i60/50HZ，720P60/50HZ，576i，480i
	Interface	75-5Ω BNC
	Receiving Distance	3G/SDI/100M
Optical Fiber	Type	Single Mode/Multimode
	Interface	LC
	Wavelength	1310/1550nm
	Transmission Distance	Standard configuration 10KM,20/40/60/80KM (Optional)

Power	Power 5-12V，MAX 5W
TempHum	-25℃~55℃ (Typical 25℃) 20%~90%
Weight	1.0kg (Equipment Weight) ;1 .5kg (Transport Weight)
Size	115mm x 75mm x 25mm (Equipment) ,310mm x 220mm x 55mm (Transport)

LK2-12G

12G SDI Fiber Extender



- Supports Uncompressed Digital SDI HD Transmission Via Fiber Optics Over Long Distances.
- Auto-Adapts to 12G/6G/3G/HD/SD-SDI Input Signals.
- Supports Resolutions up to 2160P60Hz (4K) with Downward Compatibility.
- Features Hot-Swappable SFP Module with Multi-Channel FC/LC fiber Interfaces.
- Includes 10KM Optical Module by Default (20/40/80KM Options Available).
- Compatible with V-Mount Battery Plate Power Supply (Optional).
- Supports Hot-Plug Capability During Operation.
- Compliant with SDI 12G, SDI 3G, SDI HD, and SDI SD Standards.

Transmitter Interface	Standard	1 × SDI 12G Output（BNC） 1 × SDI 12G Looout（BNC） 1 ×SFP（LC） 1 ×USB（Type-C） 1 ×DC5V（DC-2 .5）
Receiver Interface	Standard	2 × SDI 12GOutput（BNC） 1 × SFP（LC） 1 × USB（Type-C） 1 × Power5V（Power-2.5）
Video Resolution	Signal Standard	SMPTE ST-2082,SMPTE ST-2081 ,SMPTE 424M, SMPTE 292M, SMPTE 259M, DVB-ASI
	Data rate	270Mbit/s - 1.48Gbit/s – 2.97Gbit/s-6Gbit/s-12Gbit/s
	Cable Balancing	250m @ 270Mbit/s, 140m @ 1.5Gbit/s, 100m @ 2.97Gbit/s,12Gbit/s 80m
	Signal Amplitude	800mV±10%
	Signal Jitter	>0.2UI
	Resolution	2160P60/50/30/25/24HZ,1080P60/50/30/25/24HZ,1080i60/50HZ,720P60/50HZ,576i,480i
	Interface	75-5Ω BNC
	Receiving Distance	3GSDI 150M /12GSDI 40M
Optical Fiber	Type	Single Mode/Multimode
	Interface	LC
	Wavelength	1310/1550nm
	Transmission Distance	Standard configuration 10KM,20/40/60/80KM (Optional)

Power	Power 5-12V，MAX 5W
TempHum	-25℃~55℃（Typical 25℃）20%~90%
Weight	1.0kg（Equipment Weight）;1 .5kg（Transport Weight）
Size	115mm x 75mm x 25mm（Equipment）,310mm x 220mm x 55mm（Transport）

LK2-PRO

HDMI2 .0 Fiber Extender



- Supports Synchronous Extension of Audio and Video Output.
- Supports 18Gbps Video Bandwidth.
- Transmitter Features Loop-Out Port (Sharing Local Signal) and External Audio Embedding Function.
- Receiver Features Backup Output Port and Audio De-Embedding Output.
- Supports Bidirectional IR Control,RS-232 Pass-Through,and EDID Management for Simple and Convenient Control.
- Transmission Distance up to 10km (Single-Mode Fiber).
- Supports Video Resolutions up to 4K2K@50/60Hz 4:4:4 transmission.
- HDMI Audio Formats: LPCM2/5 .1/7 .1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD.
- Compliant with HDMI 2.0b,HDCP 2.2 and DVI 1.0 Specifications.

Transmitter Interface	Standard	1 × HDMI 2.0Input（4K@60Hz）/ 1 × HDMI 2.0环出（4K@60Hz） 1 × Audio Input / 1 × SFP / 1 × RS232 / 2 ×IR
Receiver Interface	Standard	1 × HDMI 2.0Input（4K@60Hz） 1 × Audio Input / 1 × SFP / 1 × RS232 / 2 ×IR
Video Resolution	HDMI	SMPTE: 720p	1080p	2160p VESA: 800x600	1024x768	1280x720	1280x800	1280x960	1280x1024	1400x1050	1600x1200	1920x1080 1920x1200	2048x1152	2560x1600	3840x1080	3840x2160	4096x2160
	Refresh Rate	23.98/24/25/29.97/30/50/59.94/60Hz
Support Standard	HDMI	1.3、1.4、2.0
	DVI	1.0

InputV / Volt	Power 5V
Pmax	10W
Temp	-25℃~55℃（Typical 25℃）
Hum	20%~90%
Weight	1.0kg（Device Weight）;1.5kg（Trans. Weight）
Size	140mm x 85mm x 25mm （Device Size）,310mm x 220mm x 55mm （Trans. Size）

LK2-4

Quad-channel Fiber Optic Video Extender



- Support 4-Channel Audio and Video Synchronization Extension Output.
- Supports 18Gbps Video Bandwidth.
- The Transmitter has a loop Output Interface and External Audio Embedding Function.
- The Receiver has Backup Output Interface and Audio Split Output Function.
- Supports RS-232 Transparent Transmission and EDID Management,with Simple and Convenient Control.
- Supports 4-way HDMI2 .0 Extension,with a Transmission Distance of up to 10 Kilometers Lsingle Mode Fiber).
- Video Resolution up to 4K2K@50 /60Hz 4:4:4:4 Transmission.
- Independent fan for Heat Dissipation,More Stable Performance,24-hour Uninterrupted Operation.
- Complies with HDM!2.0b,HDCp 2.2,and DVI 1.0 Specifications.

Transmitter Interface	Standard	4xHDMI2.0Input (4K@60Hz) 4x HDMI2.0 LoopOut (4K@60Hz) 4xAudio Input 4xSFP 4xRS232 4xUSB
Receiver Interface	Standard	8 x HDMI 2.0Output (4K@60Hz) 4xAudio Output 4xSFP 4x RS232 4xUSB
Video Resolution	HDMI Refresh Rate	SMPTE: 720p | 1080p |2160p VESA: 800x600 | 1024x768 | 1280x720 | 1280x800 | 1280x960 | 1280x1024 | 1400x1050 | 1600x1200 | 1920x1080 1920x1200 | 2048x1152 | 2560x1600 | 3840x1080 | 3840x2160 |4096x2160 23.98/24/25/29.97/30/50/59.94/60Hz
Standard	HDMI DVI	1.3/1.4/2.0 1.0
V / Volt		AC 85V-265V
Pmax		10W
Temp Hum		-25°C~55°C(Typical 25°C) 20%~90%
Weight		8.0kg (Product Weight) 9.5kg (Trans. Weight)
Size		480mmx 320mm x 67mm(Product Size) 540mmx 380mm x 140mm(Trans. Size)



LK2-Plus

Uncompressed Audio and Video Fiber Extender



- Support audio and video synchronization to extend output.
- Supports up to 40 Gbps transmission rate.
- The transmitter has a loop output interface (sharing local signals)and external audio embedding function.
- The receiver has a backup output interface and audio stripping output function.
- Supports RS-232 transparent transmission and EDID management learning,with simple and convenient control.
- Transmission distance can reach 10 kilometers (single-mode fiber).
- Video resolution up to 4K2K@50 /60Hz；7680* 2160@30Hz 4: 4:4 transmission.
- Support custom non-standard resolution transmission, with a maximum width of 7680 and a maximum of 7680.
- Audio：LPCM2/5.1/7.1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS,DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD.
- Strong compatibility, can be widely used in display devices such as LED/LCD/projection, etc.

Transmitter Interface	Standard	1 × HDMI 2.0Input（4K@60Hz）/ 1 × HDMI 2.0环出（4K@60Hz） 1 × Audio Input / 1 × LC Optical Fiber / 1 × RS232
Receiver Interface	Standard	2 × HDMI 2.0Output（4K@60Hz） 1 × Audio Output / 2 × LC Optical Fiber/ 1 × RS232
Video Resolution	HDMI2.0	SMPTE: 720p | 1080p | 2160p VESA: 800x600 | 1024x768 | 1280x720 | 1280x800 | 1280x960 | 1280x1024 | 1400x1050 | 1600x1200 | 1920x1080 1920x1200 | 2048x1152 | 2560x1600 | 3840x1080 | 3840x2160 | 4096x2160 | 7680x2160 | 7680x1080 | 3840*2400 |7680*1200 |2160*4096 Support customized non-standard Resolution
	Refresh Rate	23.98/24/25/29.97/30/50/59.94/60Hz
Support Standard	HDMI	1.3、1.4、2.0
	DVI	1.0

InputV / Volt	Power 5V
Pmax	10W
Temp	-25℃~55℃（Typical 25℃）
Hum	20%~90%
Weight	1.0kg（Device Weight）;1.5kg（Trans. Weight）
Size	315mm x 290mm x 20mm(Device Size), 330mm x 295mm x 25mm(Trans. Size)

LK2-Plus-DP

DP1.2 Uncompressed Audio and Video Fiber Extender



- Support audio and video synchronization to extend output.
- Supports up to 40 Gbps transmission rate.
- The transmitter has a loop output interface (sharing local signals)and external audio embedding function.
- The receiver has a backup output interface and audio stripping output function.
- Supports RS-232 transparent transmission and EDID management learning,with simple and convenient control.
- Transmission distance can reach 10 kilometers (single-mode fiber).
- Video resolution up to 4K2K@50 /60Hz；7680* 2160@30Hz 4: 4:4 transmission.
- Support custom non-standard resolution transmission, with a maximum width of 7680 and a maximum of 7680.
- Audio：LPCM2/5.1/7.1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS,DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD.
- Strong compatibility,can be widely used in display devices such as LED/LCD/projection,etc.

Transmitter Interface	Standard	1 × DP 1.2Input（4K@60Hz）/ 1 × HDMI 2.0环出（4K@60Hz） 1 × Audio Input / 1 × LC光纤 / 1 × RS232
Receiver Interface	Standard	1 × DP 1.2Output（4K@60Hz）/ 1 × HDMI 2.0Output（4K@60Hz） 1 × Audio Output / 2 × LC光纤/ 1 × RS232
Video Resolution	DP/HDMI	SMPTE: 720p	1080p	2160p VESA: 800x600	1024x768	1280x720	1280x800	1280x960	1280x1024	1400x1050	1600x1200	1920x1080 1920x1200	2048x1152	2560x1600	3840x1080	3840x2160	4096x2160	7680x2160	7680x1080	3840*2400 |7680*1200 |2160*4096 Support customized non-standard Resolution
	Refresh Rate	23.98/24/25/29.97/30/50/59.94/60Hz
Support Standard	HDMI	1.3、1.4、2.0
	DP	1.1、1.2

InputV / Volt	Power 5V
Pmax	10W
Temp	-25℃~55℃（Typical 25℃）
Hum	20%~90%
Weight	1.0kg（Device Weight）;1.5kg（Trans. Weight）
Size	315mm x 290mm x 20mm （Device Size）,330mm x 295mm x 25mm（Trans. Size）

LK-HDBT3

HDBaset HDMI2.0 Extender



- Uses the HDBaseT technology extension over single CAT5e/6/7.
- Supports FULL HD,UHD,3D,4K60(4:2:0)..
- HDCP2 .2,HDMI2 .0
- Bidirectional IR&RS232 control signal transmission.
- Power over Cable (POC)locally powered over Cat5e/6 cable at either end.
- Supports 7.1 DTS Master HD,Dolby True HD.
- LED indicators,EDID pass-though.
- Supports CEC control.

Video Parameters	Resolution	1920x1080@30/50/60/120Hz, 3840x2160@30/50/60Hz, 4096x2160@50/60Hz, supports custom resolutions within 594MHz clock frequency
	HDR Formats	HDR10, HDR10+, HLG, Dolby Vision
	Chroma Subsampling	4:4:4, 4:2:2, 4:2:0
	Color Depth	8-bit, 10-bit, 12-bit
Transmission Distance	CAT6a/7 4K@60Hz	Up to 230ft/70m
	CAT6a/7 1080P@60Hz	Up to 328ft/100m
Signals	Transmission Bandwidth	18Gbps
	HPowerP	HPowerP(HPowerP2.2 compliant and backward compatible)
	Ethernet	Gigabit Ethernet Port
	USB	USB 2.0, compatible with both Host and Device modes
Environmental Specifications	Operating Temperature	32 F~122 F, or 0℃~50℃
	Storage Temperature	-4 F~140 F, or -20℃~60℃
	Hum	20 ~ 90% non-condensing
Power Parameters	PWR	10.8W
	Power Adapter	Input：AC100-240V 50/60Hz, Output: Power12V 1.5A
Mechanical Parameters	Size	200 x 72 x 27mm
	Weight	800g

LK3-H4K

18Gbps HDMI over HDBaseT Extender with Bi-directional IR (150M)



- HDCP 2.2/HDCP 1.4 and DVI 1.0 compliant.
- Support 18Gbps video bandwidth.
- The maximum extended transmission distance via a single Cat5e/6 cable:

394ft / 120 meters for 4K2K signal;

492ft/150 meters for 1080P signal;

- Support one HDMI loop output on the transmitter.
- De-embeded audio to analog stereo output on receiver.
- With bi-directional IR,RS-232 and CEC pass-through.
- HDR, HDR10+, Dolby Vision and HLG function supported.
- Support PoC (Power over Cable)function.
- Compact desian for easy and flexible installation.

Mechanical			
Housing	Metal Enclosure		
Color	Black		
Size	Transmitter / Receiver: 140mm [W]x 65mm [D]x 18mm [H]		
Weight	Transmitter: 160g, Receiver: 155g		
Power Supply	Input:AC 100 - 240V 50/60Hz Output: DC 24V/1A (Locking Connector)		
Power Consumption	9.36 W		
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F		
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F		
Relative Humidity	20~90% RH (no Condensation)		
Resolution / Distance			
4K2K	120M		
1080P	150M		
Resolution / Cable Length	**4K60 - M**	**4K30 - M**	**1080P60 - M**
HDMI IN / OUT	3M	10M	15M
The use of "Premium High Speed HDMI" Cable is Highly Recommended.			

LK4-FB

MULTI-CORE DIGITAL ARMORED FIBER OPTIC CABLE



- Stainless Steel Armored Tube + Metal Braided Reinforcement: Dual-layer physical protection against impact and rodent damage, designed for outdoor industrial use.
- Single-mode & Multi-mode Options: Single-mode for long-distance, low-loss transmission; Multi-mode OM3 for short-distance, high bandwidth. Flexible to suit varied needs.
- Ceramic Ferrule for Low Signal Loss: High-precision material reduces connection reflection and attenuation, ensuring link stability.
- TPU Outer Jacket: Flexible, wear-resistant, and weatherproof, extending service life in harsh outdoor environments.
- LC/SC Connector Options: LC for high density, SC for easy insertion/removal, compatible with mainstream communication equipment.
- Waterproof Protective Cap Included: Seals out moisture and dust, enhancing interface reliability in humid conditions.

NO.	Fiber Parameters		Unit	Parameters (G657A1)
1	Mode Field Diameter	1310nm	um	9.0±0.4
		1550nm	um	10.4±0.5
2	Cladding Diameter		um	124.8±0.7
3	Cladding Non-Circularity		%	≤0.7
4	Core-Cladding Concentricity Error		um	≤0.5
5	Coating Diameter		um	245±5
6	Coating Non-Circularity		%	≤6.0
7	Cladding-Coating Concentricity Error		um	≤12.0
8	Cable Cutoff Wavelength		nm	λcc≤1260
9	Attenuation(max.)	1310nm	dB/km	≤0.4
		1550nm	dB/km	≤0.3
10	Macro-Bending Loss	1turn*10mm radius @1550nm	dB	≤0.75
		1turn*10mm radius @1625nm	dB	≤1.5

Cable Parameters		Specifications
Fiber Count		8
Tight-Buffered Fiber	Dimension	0.6mm±0.05mm
	Materia	PVC
	Color	Blue,Orange,Green,Brown,Gray,White,Red,Black
Spiral Sheathed	Dimension	3.0mm±0.1mm
	Materia	Stainless Steel
	Color	Silvery White
Strength Member		Aramid Yarn
Jacket	Dimension	∅5.0±0.1
	Materia	TPU
	Color	Black

Mechanical and Environmental Characteristics	Unit	Specification
Tension (Long Term)	N	200
Tension (Short Term)	N	400
Crush (Long Term)	N/10cm	3000
Crush (Short Term	N/10cm	5000
Min.Bend Radius (Dynamic)	mm	10D
Min.Bend Radius (Static)	mm	20D
Operating Temperature	℃	-40~+85

LK4-H4K

AOC 4K Integrated Optical Cable



- Length: 20-300 meters (custom lengths available).
- Compatibility: Fully supports HDCP 2.2, bidirectional EDID and HDCP, HEAC.
- Resolution: Supports 4K×2K@60P and 3D Full HD transmission.
- Bandwidth: Maximum bandwidth of 18 Gbps.
- Convenience: Plug-and-play, no user configuration required.
- Design: Hybrid optical cable integrates fiber and copper wires, lightweight and flexible.
- Power Efficiency: Low power consumption: 250mW (max), no external power supply needed.

	Input	SOURCE、HDMI-A
Perf.	Output	SOURCE、HDMI-A
	Input Resolution	HDMI2.0 720p@60|1080p@60|2160p@60 VESA 1280x720@60|1360x768@60|1366x768@60|1600x900@60|1920x1080@60|1920x1200@60|2540x1440@60|3480x2048@60|3840x2160@60
	Output Resolution	HDMI2.0 720p@60|1080p@60|2160p@60 SMPTE 1280x720@60|1360x768@60|1366x768@60|1600x900@60|1920x1080@60|1920x1200@60|2540x1440@60|3480x2048@60|3840x2160@60 VESA
	Photoelectric Conversion	SOURCE 4 channel 850 nm VCSEL array DISPLAY 4 CH GaAs PD array
	Minimum Bending Radius	20mm
	Maximum Tensile Strength	245N
	Support Standards	HDMI2.0
Temp	Temp	-0℃~70℃
	Hum	5%-90%

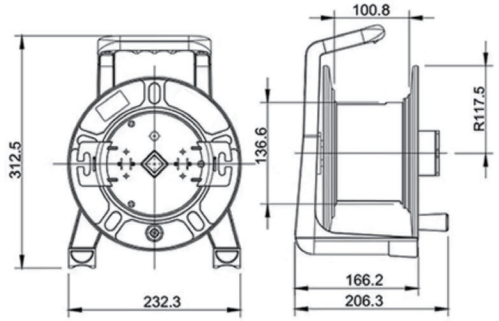


LK4-PS

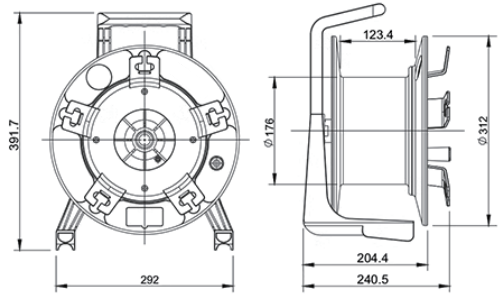
Portable Cable Reel

- Heavy-duty portable cable reel, enabling fast winding and unwinding of long cables.
- Integrally formed from high-strength PC and tough composite materials, compression & impact resistant, oil-proof, UV-resistant and deformation-proof.
- Built-in handle and brake with detachable reel shaft, portable for quick cable arrangement.
- Offered in MINI/Standard/PLUS three specs to cover different load and winding capacity needs.
- Fits 3–10mm diameter cables, max winding length up to 1300m, ideal for engineering and event cable management.
- Robust structure with good heat dissipation, suitable for stage, wiring, meeting and broadcasting applications.
- Lightweight and easy to move, applicable for frequent handling in indoor and outdoor scenarios.

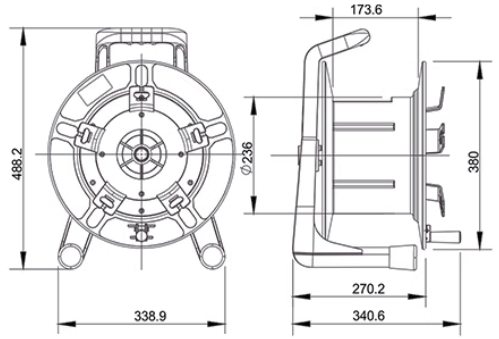
LK4-PS-MINI



LK4-PS



LK4-PS-PLUS



LK5-H01 4K

HDMI2.0 SPLITTER



- Resolution up to 3840*2160@60Hz.
- 40-Meter Transfer Distance, Audio-Video Synchronization.
- 1 Source Signal into Multiple Target Displays.
- Multiple Monitors/TVs Share 1 same Source.
- Support Cascade Connection.

Name	4K Ultra HD HDMI 2.0 Splitter			
Model	LK5-H0102 4K	LK5-H0102 4K	LK5-H0102 4K	LK5-H0102 4K
Input Interface	1×HDMI Female			
Output Interface	2xHDMI Female	4xHDMI Female	8xHDMI Female	16xHDMI Female
Resolution	Max to 3840*2160@30Hz			Max to 4096*2160@30Hz
HDMI Version	HDMI 2.0			
Hot Plug	Supportive			
HDR	Supportive			
EDID	Auto			
Distance	4K60(15meter)、1080P(40 meter)			
Power Supply	5V1A		5V2A	12V
Power Interface	Type-C			DC
Work Temperature	0℃~55℃			
Storage Temperature	-20℃~60℃			
Shell Material	Metal			
Dimesion	89.8*51.7*16mm	134*73*16mm	222.4*79*16mm	390*83*32mm



LK5-S01

SDI SPLITTER



- Adopting broadcast-grade processing technology, it distributes 1-channel SDI signal into 2/4/8 synchronous outputs with zero distortion and latency.
- Auto recognizes and supports SD-SDI, HD-SDI and 3G-SDI, complying with SMPTE standards at 143–2970Mb/s.
- Max resolution up to 1080P@60Hz with downward compatibility, delivering stable and clear image quality.
- Built-in SDI signal extension, supporting transmission distance up to 400 meters for long-distance deployment.
- Optimized circuit design ensures pure anti-interference signal, with 800mVp-p amplitude and 75Ω standard impedance.
- Metal housing with enhanced heat dissipation, pressure and interference resistant, scratch and fingerprint proof for stable operation.
- Industrial-grade steady power supply with 5V adapter, supporting long-term continuous operation.
- Plug-and-play design, no configuration required for easy installation and operation.

Name	SDI Splitter		
Model	**LK5-S0102**	**LK5-S0104**	**LK5-S0108**
Input Interface	3G SDI*1		
Output Interface	3G SDI*2	3G SDI*4	3G SDI*8
Resolution	1080@60Hz(Backward compatibility)		
SDI Standard	Compatibility SMPTE424M,SMPTE292M and SMPTE259M-C		
SDI Signal Format	SD-SDI/HD-SDI/3G-SDI		
SDI rate	143-2970Mb/s		
SDI Impedance	75Ω		
Output amplitude	800mVp-p		
Power Supply	5V		
Power Interface	DC		
Work Temperature	0℃~60℃		
Storage Temperature	-20℃~60℃		
Shell Material	Metal		
Dimesion	132*85*40mm	132*85*40mm	253*99*32mm



LK8-C

HD Audio-Video Codec All-in-One



- Dual Functionality: Combines HDMI video encoding with network stream decoding.
- Encoding Protocols: RTSP, RTMP, HLS, FLV, TS, UDP Stream.
- Decoding Protocols: RTSP, RTMP, HLS, FLV, TS, UDP Stream.
- HDMI Output: Features local HDMI loop-through for real-time monitoring or decoded video output.
- Audio Flexibility: 3.5mm audio jack for encoding external audio or HDMI-embedded audio.
- Remote Management: Accessible via English/Chinese web interface for local or WAN remote control.
- Transmission: Supports TCP, UDP, and 100M Ethernet.
- Video Codecs: H.265 & H.264, supporting up to 2160P30 for both encoding and decoding.
- Video Layouts: Picture-in-Picture (PiP), 1+2, side-by-side, split-screen, and custom layouts.
- Third-Party Protocols: Compatible with ONVIF and GB28181 standards.
- Live Streaming: Simultaneous push to two or more platforms.
- OSD Support: Customizable overlays for logo, text, scrolling text, and timestamp.
- Local Recording: Supports SD card storage.
- NVR Compatibility: Allows device renaming within Hikvision and Dahua NVR systems.

Universal	Network	100M Ethernet
	Configuration	Web Management
	Power	5-12V/1-2A
	Consumption	5-24W
	Operating Temp	-20℃+60℃
	Operating Hum	<90%,Condensation-free
	Size	14.5cm x 9.7cm x3.0cm
	Weight	242g



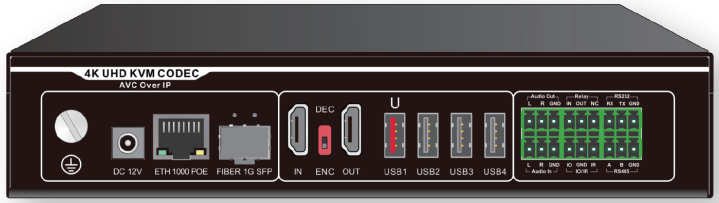
LK8-KVM

4K Distributed Management System



- Integrated encoding/decoding and KVM design, configurable via DIP switches.
- A single node supports up to 16 screens, allowing arbitrary cross-screen display, roaming, free scaling,and overlay.
- Supports embedded audio and external audio transmission.
- Supports Power over Ethernet (PoE).
- Enables KVM console management functionality, supporting cross-screen control by operators.
- Supports seamless switching.
- Visual operation, compatible with tablet-based visual control.
- Customizable programming and debugging, allowing users to edit control layouts as needed.
- Supports OSD captions and background image functions.
- Compatible with LCD/LED display screen splicing and synchronization with excellent performance.
- Supports 4K30 input and output.

Parameter		LK8-KVM-4K30
Video Input	Type	HDMI
	Resolution	Max Support 3840x2160@30Hz
	Signal Detection	Auto detection
	Signal Channel	1
Audio Input	Type	Line in or HDMI add embedding
	Signal Channel	1
Video Output	Type	HDMI
	Resolution	Max Support 3840x2160@30Hz(KDM mode is1080P60Hz)
	Signal Channel	1
Audio Output	Type	Line out or HDMI add embedding
	Signal Channel	1
Loop Output	Input Video Loopback Output	Support
Network	Connection Speed	1000M，Bandwidth needs 30Mbps
	IP	Manual Setup
	Coding Ability	Highest Road 3840x2160@30Hz
	Decoding Ability	Highest road 3840x2160@30Hz or 2 road 1080P@60Hz
	Single window number	Max 16
	Encoding algorithm	H.264/H.265
	Decoding algorithm	H.264/H.265
	Color depth	8bit 4:2:0
	Alter quality	Low, medium, high, extremely high



MXL-H

4K HDMI Integrated Matrix



- Max resolution: 4K×2K@30Hz, 1080P@60Hz.
- Configurations: 4×4, 8×8, 16×16.
- Hardware-only architecture, no CPU or OS, for faster response
- Equipped with 3.4G high-bandwidth switching chip for synchronous signal switching
- Built-in ESD protection and hot-swap support, ensuring stable system operation
- Supports HDCP decoding, Blu-ray and 3D signals
- Features signal timing reshaping and 36-bit true color processing
- Fast channel switching, one-click save and recall of scene modes
- Visual button operation with LED indicators for I/O channel status
- Multiple control options: panel button, IR remote, RS232, LAN and WEB
- Broadcast-grade switching chip with high integration for seamless image switching
- Rewritable and adaptive EDID for wide display device compatibility
- Input reception delay compensation for unequal differential pair lengths
- Audio de-embedding function; 3.5mm audio follows the last HDMI output
- 16 built-in scene modes for quick recall
- Power-off memory function to save current working status automatically
- High-resolution English display, customizable with logo and model branding

name	MXL-H0404	MXL-H0808	MXL-H1616
model	HD44L	HD88L	HD1616L
Input interface	HDMI*4	HDMI*8	HDMI*16
Output interface	HDMI*4+3.5MM*1	HDMI*8+3.5MM*1	HDMI*16+3.5MM*1
HDMI compatible	HDMI 1.4		
HDCP compatible	HDCP 1.4		
Control method	Visual buttons, infrared remote control, RS232 serial port, LAN, WEB and other control methods		
Controlling software	Professional control software		
RS-232	Baud rate: 115200, Data bits: 8, Stop bits: 1, No parity		
Video format	4K*2K@30HZ		
Audio output	HDMI interface + left and right analog stereo		
Audio de-embedding	OUT 4 way follow	OUT 8 way follow	OUT 16 way follow
Power supply	DC 12V 2A	DC 12V 2A	DC 12V 3A
Power consumption	⩽8W	⩽15W	⩽30W
Electrostatic protection	Human body model: ±8kV (air discharge), ±4kV (contact discharge)		
high	1U	1U	2U
size (length*width* height MM)	430*138*45 (Excluding hanging ears)	430*138*45 (Excluding hanging ears)	480*252*90



MXL-H-4K-SH

4K HDMI2.0 Integrated Matrix



- HDMI 2.0 and HDCP 2.2 compliant.
- Video resolution is up to 4K@60Hz 4:4:4.
- Support 18Gbps video bandwidth.
- Support 12 display categories in multi-viewer mode, and 9 splicing modes in video wall mode.
- HDMI audio format: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS EX, DTS-96/24, DTS High Res, DTS-HD Master Audio.
- Support CEC control, and multiple video resolution output.
- Advanced EDID management.
- Control via front panel buttons, IR remote, RS-232, and Web GUI.

MXL-H0808-4K-SH			
HDMI Compliance	HDMI 2.0b		
HDCP Compliance	HDCP 2.2		
Video Bandwidth	594MHz/18Gbps		
Video Resolution	Up to 4K@60Hz 4:4:4		
Color Space	RGB, YCbCr 4:4:4 / 4:2:2. YUV 4:2:0		
Color Depth	8/10/12bit		
Audio Formats	HDMI Input/Output: LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD Audio De-embedding: Optical Audio Output: LPCM 2.0CH / Dolby / DTS 5.1CH Balanced Analog Audio Output: LPCM 2CH		
IR Level	5Vp-p		
IR Frequency	Wideband 20K-60KHz		
ESD Protection	IEC 61000-4-2: ±8kV (air discharge), ±4kV (contact discharge)		
Connections			
Input Ports	8 × HDMI INPUT [Type A, 19-pin female]		
Output Ports	8 × HDMI OUTPUT [Type A, 19-pin female] 8 × OPTICAL AUDIO OUT [S/PDIF] 8 × L/R AUDIO OUT [3.5mm, 5-pin Phoenix Terminal]		
Control Ports	1 × TCP/IP [RJ45] 1 × RS-232 [D-Sub 9] 1 × IR EXT [3.5mm stereo mini jack]		
Video Resolution	**4K60**	**4K30**	**1080P**
HDMI Cable Length (HDMI Input/Output)	5m	10m	15m
High-quality high-speed HDMI cables are strongly recommended.			



VS Series

HDMI high-definition splicer



- 1U integrated chassis, compact and easy to deploy.
- 8-channel HDMI input and up to 24-channel HDMI output, each port supports 1080p@60Hz signal.
- Single port enables 9-screen splicing; max 216 screens lossless real-time display. Freely scale, span and overlay windows with no lag, flicker or black screen.
- Multi-terminal visual preview via PC, Android devices and HDMI preview port; preset switching supported by web control.
- FPGA audio de-embedding & switching, extracting HDMI audio for 3.5mm output.
- Independent control and signal sharing for multiple LCD/LED screens with anti-interference performance.
- Built-in OSD subtitle and background image functions with flexible parameter settings.
- Stores over 1000 scene presets, supporting seamless switching and custom rotation.
- Equipped with multi-user management and open secondary development interfaces.

Model	VS0808	VS0816	VS0824
Display mode	Signal Wall Projection, Windowing, Tiling, Roaming, Cross-Screen Display, Zooming, Rotation, Picture-in-Picture, Picture-Outside-Picture, Overlay, Preview Playback		
Control mode	RS232, LAN, Android App		
Input interface	HDMI × 8 + 3.5mm Audio × 1		
Output interface	HDMI*8+3.5MM Audio*1	HDMI*16+3.5MM Audio*1	HDMI*24+3.5MM Audio*1
Input resolution	1920*1080@60Hz		
Output resolution	1920*1080@60Hz		
Number of layers	Single layer supports ≤9 windows; full-screen allows up to 9N-layer overlay.		
Voltage	DC 12V		
Power Consumption	≤30W	≤40W	≤50W
Esd protection	±8kV (Air Discharge), ±4kV (Contact Discharge)		
Enclosure Materials	Human-Body Model: Front Panel (Aluminum Alloy) + Body (Steel Shell)		
High	1U		





3

PTZ

PCO100

Professional PTZ Camera Controller



- AI human tracking function, auto-follows moving targets.
- Cross-protocol hybrid control: IP / RS-232 / RS-422 / RS-485.
- Metal housing with 5.5-inch LCD screen for local on-device video display.
- NDI input supported, delivering low-latency video via single network cable.
- Custom cruise function, with one-click recall of saved user presets.
- Compatible with VISCA, VISCA-Over-IP, VISCA-SONY, Onvif, Pelco P&D protocols.
- Built-in snapshot & album storage, enabling local image preview.
- Controls up to 255 cameras in one network; 7 cameras max via VISCA protocol.
- Quick adjustment for exposure, iris, white balance, focus, pan/tilt and zoom speed.
- TALLY light GPIO output, to indicate the currently controlled camera.

Connection	Interface	IP(RJ45), RS-232, RS-485/RS-422
	Control Protocols	IP Protocol：ONVIF,VISCA Over IP Serial Protocol：PELCO-D，PELCO-P, VISCA
	Serial Baud Rate	2400, 4800, 9600, 19200, 38400 bps
Control Interface	Display	5 inches
	Joystick	Pan/Tilt/Zoom
	Camera Shortcut Keys	
	Camera Address	Supports up to 255 channels
	Presets	Supports up to 255 channels
Power	Power Supply	PoE/ DC12V
	Power Consumption	PoE:5W DC:5W
Environmental Temperature	Operating Temperature	-20℃~60℃
	Storage Temperature	-40℃~80℃
Dimension	Net Dimension	283mm x 170mm x 111mm



HDC-12X/20X/30X

INFOCOM HD CAMERA SERIES



- Full HD video with 1/2.8-inch 2.07MP high-performance CMOS, max 1920×1080 resolution and 1080P@60fps output.
- Optional 12×, 20×, 30× optical zoom lenses.
- Advanced autofocus algorithm for fast, accurate and stable focusing.
- Low-noise design with high signal-to-noise ratio for clear video.
- Multi-output interfaces including HDMI, SDI, USB3.0 and LAN; optional NDI, with synchronous audio & video output.
- USB3.0 dual-stream transmission, supporting simultaneous main and sub stream output.
- Built-in gravity sensor for automatic pan-tilt flip, facilitating on-site installation.
- Multiple network protocols: ONVIF, GB/T28181, RTSP, RTMP, VISCA OVER IP, SRT, etc.; supports RTMP streaming and RTP multicast.
- Control ports: RS422/RS485, RS232-IN/OUT with cascading capability.
- Auto-recognition for VISCA, PELCO-D and PELCO-P control protocols.
- Silent pan-tilt with high-precision stepping motors for smooth and low-noise operation.
- Up to 255 preset positions, 10 quick presets via remote control.
- Optional IR remote and wireless remote control.
- AI human tracking via high-speed processor and optimized image analysis algorithm.
- Widely applicable for conference, education, live streaming, medical, government, public security, military and other professional scenarios.

	HDC-12X	HDC-20X	HDC-30X
Parameter/Model	12×	20×	30×
Focus	f=4.1～49.2mm	f=5.05～91.49mm	f=5.2~148.4mm
FOV	6.6°（N）70.3°（W）	3.5°（N）60°（W）	2.1°（N）58.1°（W）
Aperture Value	F1.8 ～ F2.68	F1.8 ～ F2.9	F1.3 – F4.8
Effective Pixels	2.07M, 1/2.8-inch high-quality CMOS sensor		
Digital Zoom	15X		
Video Format	HDMI/SDI: 1080P60, 1080P50, 1080P30, 1080P25, 720P60, 720P50, 1080P59.94, 1080P29.97, 720P59.94； USB3.0: YUY2/NV12: 1920×1080/1280×720/1024×576/800×600/800×448/640×360/640×480/480×270/320×180@30/25/20/15/10/5fps; MJPG/H264: 1920×1080/1600×896/1280×720/1024×576/960×540/800×600/800×448/720×576/720×480/640×360/640×480/480×270/352×288/320×240@30/25/20/15/10/5fps; LAN main stream：H.264/H.265: 1920×1080/1280×720/640×480@60/30/25/20/15/10/5fps Sub-stream：H.264/H.265: 1920×1080/1280×720/640×360/320×240/640×480/320×180@30/25/20/15/10/5fps		
Minimum Illumination	0.5Lux(F1.8, AGC ON)		
DNR	2D＆3D		
AWB	Automatic, manual, one-push white balance, specified color temperature		
Focus Mode	Automatic, manual, one-push focus		
Exposure Mode	Auto, manual, shutter priority, aperture priority, brightness priority		
Iris Value	F1.8 ～ F11、CLOSE		
Shutter Speed	1/25～1/10000		
BLC	ON/OFF		
Dynamic Range	OFF、1 ～ 8		
Image Adjustment	Brightness, chroma, saturation, contrast, sharpness, black and white mode, gamma curve		
SNR	≥50dB		

Product Interface	HDMI、,LAN(POE+), USB3.0（B Type ,Compatible with USB2.0）, SDI,A-IN,RS232-IN,RS232-OUT,RS422（Compatible with RS485）,Rotary Switch,DC12V Power
Video Encoding Format	LAN Interface：Support main stream and sub-stream H.265 , H.264 USB3.0 Interface: YUY2,MJPG,H264,NV12
Audio Input Interface	Dual channel 3.5mm linear input
Audio Output Interface	HDMI、SDI、LAN、USB3.0
Audio Compression	AAC
LAN Interface	10M/100M adaptive Ethernet port, support POE+ power supply, support audio and video output
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181, VISCA OVER IP, IP VISCA, RTMPS, SRT; Support remote upgrade, remote restart, remote reset
Control Interface	RS232-IN,RS232-OUT,RS422 compatible with RS485
Serial Communication Protocol	VISCA/Pelco-D/Pelco-P; support baud rate 115200/38400/9600/4800/2400
USB Communication Protocol	UVC（video communication protocol）,UAC（audio communication protocol）
Power Interface	HEC3800 Power socket (DC12V)
Power Adapter	Input AC110V-AC220V； output DC12V/2.0A
Input Voltage	DC12V±10%
Input Currency	≤1.16A
Consumption	≤13.64W

4KC-12X/25X/31X

UHD 4K CAMERA SERIES



- 4K UHD adopting SONY high-quality CMOS sensor, up to 4K@60fps resolution.
- Dual-stream output via USB, simultaneous main and sub streams for local and remote access.
- Multiple optical zoom lenses optional: 12X(80.4°), 25X(59.2°), 31X(59°).
- Rich interfaces including HDMI2.0, SDI, USB2.0 and LAN(POE/NDI optional); 4K AV simultaneous output over HDMI/USB/LAN.
- Advanced autofocus algorithm enables fast, accurate and stable focusing.
- Low-noise CMOS delivers high signal-to-noise ratio for clear imaging.
- Multiple AV compression standards: H.265/H.264 for LAN; MJPG/H.264/YUY2/NV12/H.265 for USB2.0; AAC audio encoding.
- Analog audio input with 48kHz sampling and AAC encoding.
- Supports ONVIF, GB/T28181, RTSP, RTMP, SRT, FreeD; optional NDI and Dante AV-H.
- Control ports: RS422(compatible with RS485), RS232 in/out with cascading support.
- Auto-detectable VISCA, PELCO-D and PELCO-P protocols.
- Up to 255 presets; 10 shortcut presets via remote control.
- Optional infrared and wireless remote controls.
- AI human tracking powered by high-speed processor and optimized image algorithms.
- Suitable for conference, education, live streaming, medical, government, public security, military and other professional scenarios.

	4KC-12X	4KC-25X	4KC-31X
Optical Zoom	12×	25×	31×
Focal Length	f=3.85 mm～ 46.2 mm ±5%	f=7.1 mm～ 171.95 mm ±5%	f=6.91 mm～ 214.21 mm ±5%
Viewing Angle	Horizontal: 7.59˚(N)～ 80.4˚(W) Vertical: 4.6˚(N)～ 50.0˚(W)	Horizontal: 2.5˚(N)～ 59.2˚(W) Vertical: 1.4˚(N)～ 34.6˚(W)	Horizontal: 1.98˚(N)～ 59˚(W) Vertical: 1.12˚(N)～ 34.14˚(W)
Iris Value	F1.8 ～ F3.56±5%	F1.61 ～ F5.19±5%	F1.35 ～ F4.6±5%
Image Sensor	1/2.5 inch SONY CMOS sensor	1/1.8 inch SONY CMOS sensor	
Effective Pixels	8.29M megapixel 16: 9		
Video Format	HDMI: 3840*2160P60/50/25/59.94/29.97; 1080P60/50/ 30/25/59.94/29.97; 1080I60/50/59.94; 720P60/50/59.94; SDI: 1080P60/50/30/25/59.94/29.97; 1080I60/50/59.94; 720P60/50/59.94 USB2.0: MJPG: 3840*2160/1920*1080/1280*720 /1024*768 /1024*576/800*600/720*576/720*480/704*576/640*480 /640*360 /352*288/320*240P30; H.264: 3840*2160/1920*1080/1280*720/1024*768 /1024*576/800*600/720*576/720*480/704*576/640*480 /640*360 /352*288/320*240P30; H.265: 1920*1080/1280*720 /1024*768/1024*576/800*600/720*576/720*480/704*576/640*480 /640*360/352*288/320*240P30; YUY2: 800*448/720*480P25; 640*360/432*240P30 NV12: 800*448P25; 640*480/640*360/432*240P30		
Minimum Illumination	0.5Lux(F1.8, AGC ON)		
DNR	3D DNR		
White Balance	Auto / Manual/ One Push/ Specified Temperature		
Focus	Auto/Manual/One Push Focus		
Exposure Mode	Auto/Manual/Shutter priority/Aperture priority/brightness priority		
Aperture	F1.8 ～ F11、CLOSE		
Shutter Speed	1/25～1/10000		
BLC	ON/OFF		
WDR	OFF/ Dynamic level adjustment		
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode		
SNR	≥50dB		
Digital zoom	8X		

Product Interface	HDMI, SDI, LAN(Support POE+), USB2.0, A-IN, RS232-IN, RS232-OUT, RS422(Compatible with RS 485), Rotary DIP switch, DC12V Power Supply, NDI|HX3(optional), Dante(optional), Power Switch
Video Encoding Format	LAN: H.264, H.265 USB 2.0: MJPG, H.264, H.265,YUY2, NV12
Audio Input Interface	Dual channel 3.5mm linear input
Audio Output Interface	HDMI、SDI、LAN、USB2.0
Audio Compression	AAC
LAN Interface	10M/100M/1000M adaptive Ethernet port, support POE+(802.3at) power supply, support audio and video output
Network Protocol	RTSP, RTMP,ONVIF,GB/T28181, SRT, FreeD, NDI(optional), Dante AV-H(optional); Support network VISCA control protocol
Control Interface	RS232-IN,RS232-OUT,RS422 compatible with RS485
Serial Communication Protocol	VISCA/Pelco-D/Pelco-P; support baud rate 115200/38400/9600/4800/2400
USB Communication Protocol	UVC（video communication protocol）,UAC（audio communication protocol）
Power Interface	HEC3800 Power socket (DC12V)
Power Adapter	Input AC110V-AC220V； output DC12V/2.5A
Input Voltage	DC12V±10%
Input Currency	≤1.38A
Consumption	≤16.35W