

SPROLINK[®]

CREATIVE VIDEO REVOLUTION
SOLUTION & SERVICE PROVIDER



2022 CATALOGUE



About Us

As a creative video technology company, SPROLINK is dedicated to providing not only professional solutions but also dedicating to quality and stability and focusing on where customers need most.

With the strong and experienced technical team, SPROLINK has won the great market reputation in the AV industry. Our products are widely used in live events, publicity, conference etc.

SPROLINK is dedicated to Innovation and providing the high quality and most stable equipments to everyone. Bright your life, meet your future!



Innovation

We thrive on continuous innovation, teamwork and people talent; we are making the products more and more accessible and helping customers to achieve their goals; Creative video revolution is always our mission.

Technology

Product optimization and modular design makes product operations easier and faster; we invest heavily in technology and indepth cooperation with our partners to maintain our technological leadership and ensure product quality and stability.

Experience

R&D team has more than 9 years experience, we know what should we do and what we can provide; Support teams know what customers are thinking; Experience makes the connection much easier between SPROLINK and customers.

Support

24*7 after sales support just to make you know we are careful with our customers. Training all over the world just make you can know our product wherever and whenever you need.

Efficiency

We present you the various topics of business consultations, from which you can choose the one that interests you. We provide consulting services online and in our offices.

Solutions

We are dedicated in providing complete professional solutions for customers, we have wide product range can meet different kinds of requirement. Once you need, we have the complete solutions for your projects.





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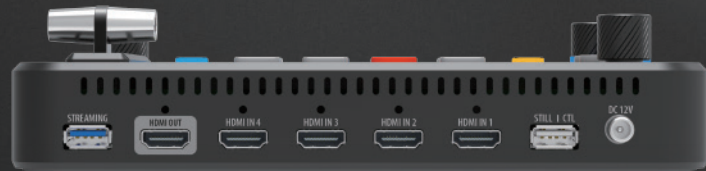


**MULTI-FUNCTIONAL ALL IN ONE
BROADCAST VIDEO MIXER**

NeoLIVE R2 09

NeoLIVE R2

Realize lossless 1080@60Hz HD live streaming via USB 3.0 port
Multiple transition effect like FADE, WIPE, DIP & DVE etc
Fully functional all in one broadcast video mixer



- Built in 5.5" LCD monitor, can preview all the input and output
- With USB3.0 port present a wonderful live streaming
- Support multiple PTZ camera control
- Support media store, upload still pictures
- Support PIP for variety of layout
- Support audio mixing with flexible control

- Support T-BAR Transition switching
- Support Movie-level Chroma Key function
- HDMI / USB output with PGM / PST / PVW selection
- Support up to 4 x HDMI inputs for various of format
- With earphone port, realize audio monitor for any audio input and output

Equipped with 5.5 LCD monitor

With the built-in 5.5" monitor users can preview all the inputs and output content in grid layout. No need to connect extra monitor.



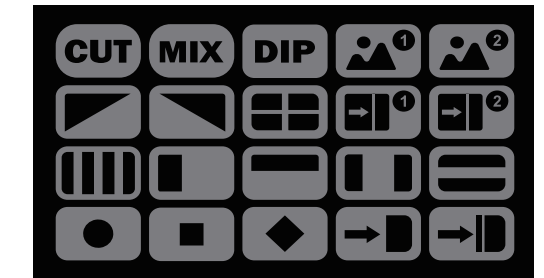
USB3.0 Port for Live streaming

R2 can be recognized as a high quality webcam by PC. Realize live streaming at 60 fps in YUY2 format. Offer the most smooth live streaming experience with high image quality.



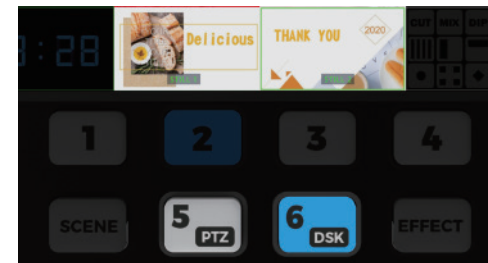
Various transition effects

R2 support 15 transition effects. When pressed EFFECT button, users have access to different transitions. Along with the built-in pictures, R2 can realize more advanced transitions like stinger or graphic slide at ease.



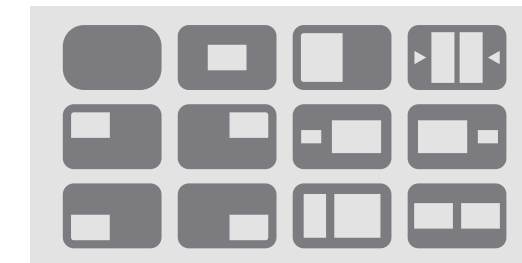
Still Pool Storage

Built with internal storage, R2 support picture content without occupying any input channel, so user can insert different background during the live streaming or transitions.



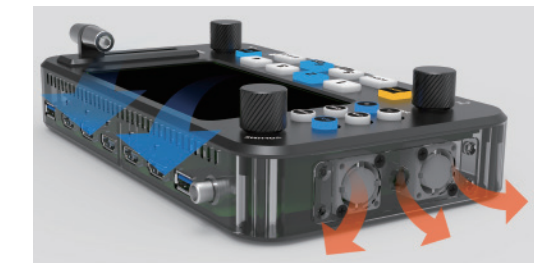
Any PIP layout and Load

User can adjust the PIP in any size and position on board. R2 has also built-in multiple universal layout for live streaming. You can also create any customized layout.



Dual level heat dissipation

With the unique heat dissipation design, R2 can provide a quiet live streaming, and avoid microphone to pick up the environment noise.



Configurable HDMI and USB Output

The content of HDMI and USB3.0 output port can be set as HDMI1/2/3/4/PST/PGM/PVW. Meet the variety of live streaming use.



PTZ Camera Control

R2 can also be used as a PTZ camera controller, up to 4 PTZ cameras can be controlled through the router.



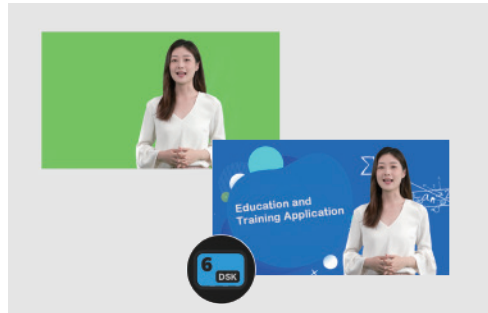
Audio monitoring interface

R2 is equipped with a headphone monitor interface, which can monitor any audio input or output channel in real time. Audio control is so easy.



Movie-level chroma keying algorithm

R2 support 4 channels chroma key. Built-in powerful chroma keying algorithms. Perfect for live streaming with virtual background.



Professional audio mixer

With the built-in professional audio mixer, R2 support AFV and MIX audio modes, you can choose two channels for audio mixing from 4-HDMI embedded audio and 2-external audio. User can easily respond to the complex audio needs for various live broadcasts.



T-BAR switching with ultimate experience.

R2 has built-in various of transition effects, which can be quickly assigned by the EFFECT button, then use the AUTO button to achieve the effect transition. Users can also change transition effects through T-BAR. Broadcast-level transitions are under control.



Connector	Input	HDMI 1.3 USB 2.0	4xHDMI-A 1xUSB TypeA	HDMI Input source connector File loading / Upgrade / Communication
	Output	HDMI1.3 USB 3.0	1xHDMI-A 1xUSB TypeA	PVW/ PGM / PST UVC Output Port
	Audio	IN LINE OUT PHONES	2x3.5mm stereo Jack 1x3.5mm stereo Jack 1x3.5mm stereo Jack	Compitable MIC/Line input AUX Output Audio monitor
	Communication	LAN	1xRJ45	LAN Control PTZ Control
Input resolutions	HDMI	SMPTE VESA	720p@50/60 1080i@50 1080p@24/30/50/60 1024x768@60 1280x768@60 1280x800@60 1280x1024@60 1360x768@60 1366x768@60 1440x900@60 1600x1050@60 1680x1050@60 1920x1080@23.98/24/25/29.97 /30/50/59.94/60	
Output resolutions	HDMI	SMPTE	720p@50/60 1080p@24/30/50/60	
	USB3.0	Video Streaming	720p@50/60 1080p@24/30/50/60	
Performance	Video Sampling	YUV 4:4:4		
	Latency	<3 frame		
	Audio latency	0-500ms (0-30/25 frame)		
Power	Input Voltage	12V/2A		
	Constant power	20W		
Environment	Temperature	0°C~70°C		
	Humidity	10%~85%		
Weight	Net Weight	0.5kg		
	Gross Weight	1.25kg		
Dimension	Device Dimension	220mm x 126mm x 33mm		
	Package Dimension	260mm x 160mm x 120mm		



4K VIDEO PROCESSOR

VF1 PRO	09
VF4 PRO	13

VF1 PRO

4K@60Hz 4:4:4 10 Bit Processing Capability
Maximum 6 PIPs & Fade in Fade out Switching

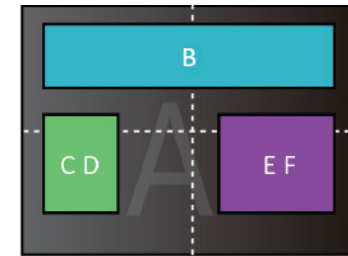


- Inputs modular design covers various necessities
- Dual output slots offer 4/8 DVI output channels
- Support independent control & flexible splicing
- Display up to 6 layers on all outputs
- HDMI2.0 DP1.2 and 4K@60Hz inputs with downward capacity

- Handle 8k x 2k splicing by single unit
- Fade in Fade out switching between any input channel
- Monitoring all outputs by single port
- Flexible image quality adjustment

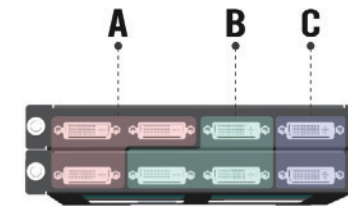
• Advanced Layering Capacity

Support up to 4 layers free roaming with 2 layering PIP, support layer overlay, border adjustment and color adjustment. Catering for multiple display requirement.



• Flexible Splicing

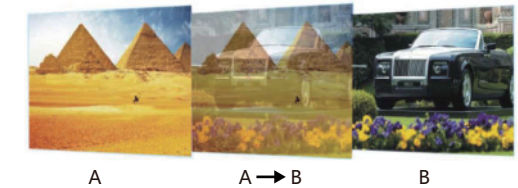
Divide 4 or 8 DVI outputs to any group for flexible splicing. Support multiple output mapping on multiple Screens.



• Fade in Fade out Transition

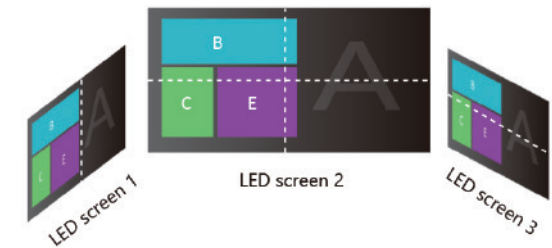
Any 4K or 2K layer fade in fade out switching. Support Seamless switching between any input channel. Ensure no black or flashing during signal switching

Fade-in/Fade-out



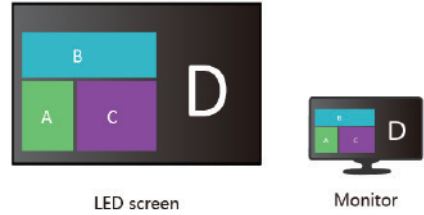
• Layout Scaling

Support layout scaling. Display same layout on multiple screens in any screen size.



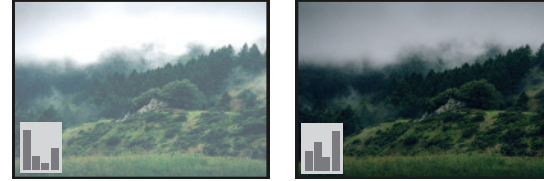
• **Monitoring on Single Port**

Assign any output as monitor port. Realize all outputs monitoring as simple as one-click. Ensure broadcast control security .

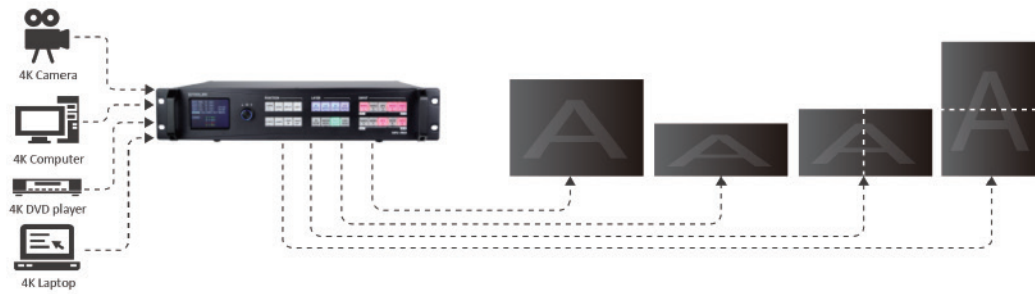


• **Image Quality Adjustment**

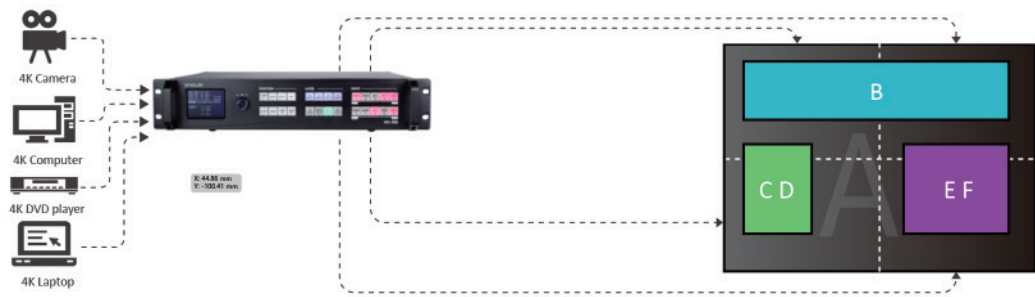
Support Brightness | Color Temperature adjustment on layers and outputs. Ensure the display achieves the best performance under current conditions.



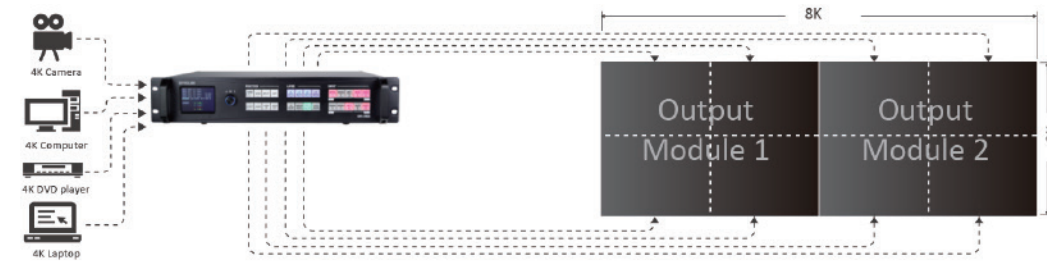
PRODUCT SOLUTIONS



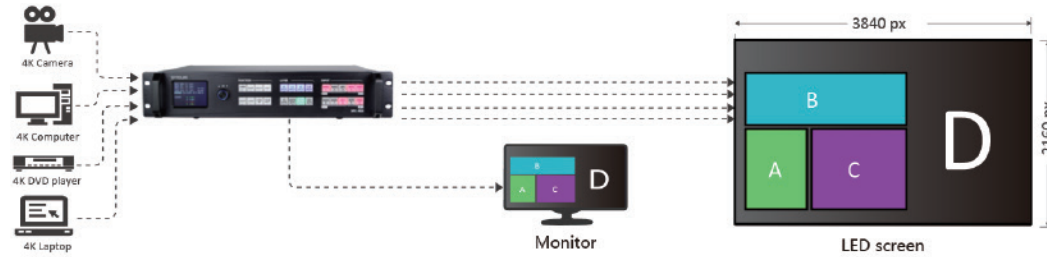
Application 1:
Independent control for 4 set of screens



Application 2:
Realize 6-windows display after splicing



Application 3:
Realize 8K x 2K splicing by single unit



Application 4:
Monitoring all outputs on single port

Input

Connector	Quantity	Description
HDMI 2.0	2	Support max. 3840*2160@60hz and downward compatibility Support customized input resolution
3G-SDI	Optional	Support max. 1080psf and downward compatibility Support customized input resolution
DVI		Support max. 2048x1152 and downward compatibility Support customized input resolution

Output

Connector	Quantity	Description
DVI	4	Realize 4 port split in any layout. Support PIP in any channel after mapping Support individual configure in each port Support color adjustment
DVI	Optional	Realize 4 port split in any layout. Support PIP in any channel after mapping Support individual configure in each port Support color adjustment

VF4 PRO

4K@60Hz Inputs and Outputs
4K@60Hz 4:4:4 10bit Processing
Multiple Operation Mode for 4K Solution



- Inputs modular design covers various necessities
- HDMI2.0 DP1.2 and 4K@60Hz inputs with downward capacity
- Fade in Fade out switching between any input channel
- Flexible image quality adjustment
- Dual-Channel HDMI2.0 4K@60Hz Output
- Display up to 6 layers
- Support 4 operation mode for various 4K solution
- Casecade split with strict synchronization

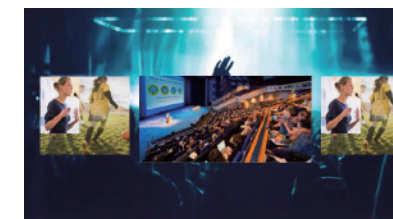
Multiple Operation Mode

VF4PRO built-in multiple working mode for various 4K solution. Make the full use of dual-channel HDMI 2.0 output.

- Preview Mode: Pure fade in fade out transition between different preset on PGM.



- Standard Mode: Support 6 layers display.



- Independent Mode: Individual control for each HDMI port.



- Split Mode: Realize 8Kx2K splicing with dual-channel HDMI port.



Complete 4K@60Hz Solution

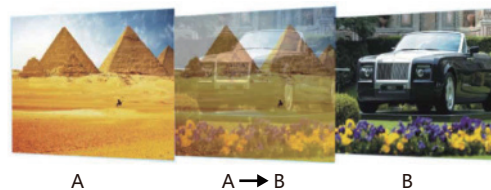
Support 4xHDMI2.0 | 2xDP1.2 4K inputs | 2x3G-SDI | 2xDVI 2K inputs.
With 2 Channel HDMI 2.0 output, VF4PRO offers the complete solution for 4K in full frame rate.



Seamless Switching

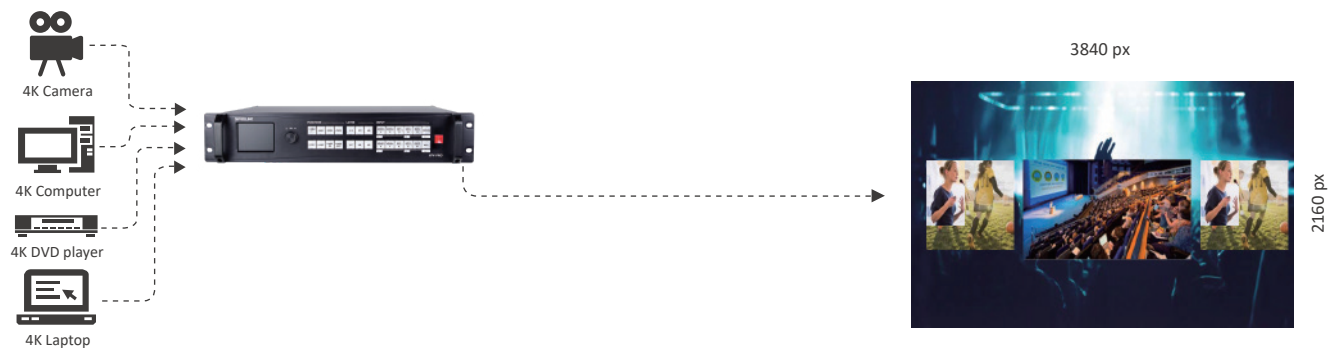
Support seamless switching between any input channel.
No black or flicker during the transition.

Fade-in/Fade-out

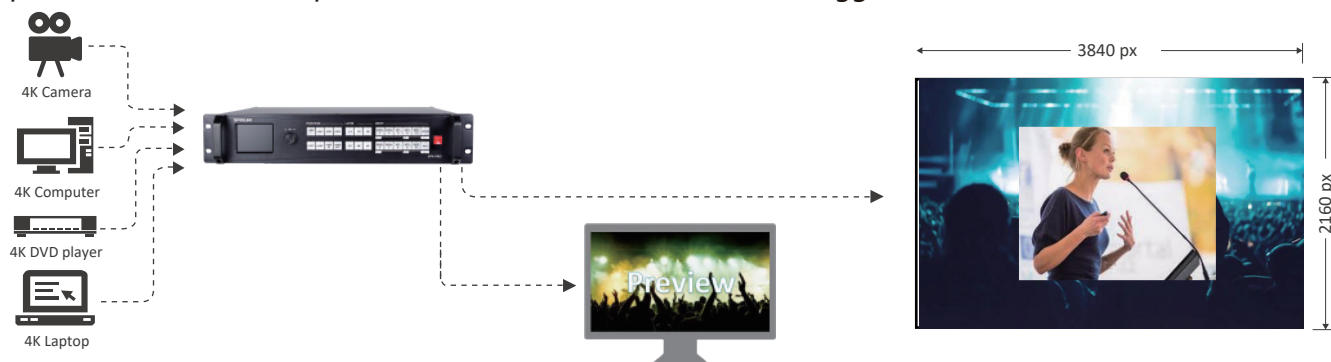


PRODUCT SOLUTIONS

Application 1: Multiple layers free roaming on 4K screen.



Application 2: Preview the preset in monitor. Use TAKE button to trigger fade transition on PGM.



Application 3: Cascade splicing for 8Kx2K pixel by pixel mapping.



Input

Connector	Quantity	Description
DP 1.2	2	Support max. 4096*2160@60hz and downward compatibility Support customized input resolution
HDMI 2.0	2	Support max. 4096*2160@60hz and downward compatibility Support customized input resolution
HDMI 2.0	Optional 1	Support max. 4096*2160@60hz and downward compatibility Support customized input resolution
DP 1.2		Support max. 4096*2160@60hz and downward compatibility Support customized input resolution
3G-SDI	Optional 2	Support max. 1080psf and downward compatibility Support customized input resolution
DVI		Support max. 2048x1152 and downward compatibility Support customized input resolution

Output

Connector	Quantity	Description
HDMI	2	Realize 2 port split in any layout. Support PIP in any channel after mapping Support individual configure in each port Support color adjustment



CHARLES ELACHI MISSION CONTROL CENTER

Jet Propulsion Laboratory
California Institute of Technology

VIDEO WALL CONTROLLER

VD Serie	19
VD Module	29

CURIOSITY ACE

MISSION CONTROL

DATA CONTROLLER

DATA CONTROLLER

DEEP SPACE NETWORK

DATA CONTROLLER

OPERATIONS CHIEF

TRACKING SUPPORT SPECIALIST

Adam Williams (Director/Writer - Mars)

70 - Motor Activities

GOLDSTONE

MISSION STATUS

WFO
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MARS 2009 LAUNCH
-280: 17:00:00
MARS 2009 LANDING
-287:01:36:10

VD2PLUS

MODULAR VIDEO WALL CONTROLLER
3D/4K PIXEL-TO-PIXEL LARGE SCALE SOLUTION

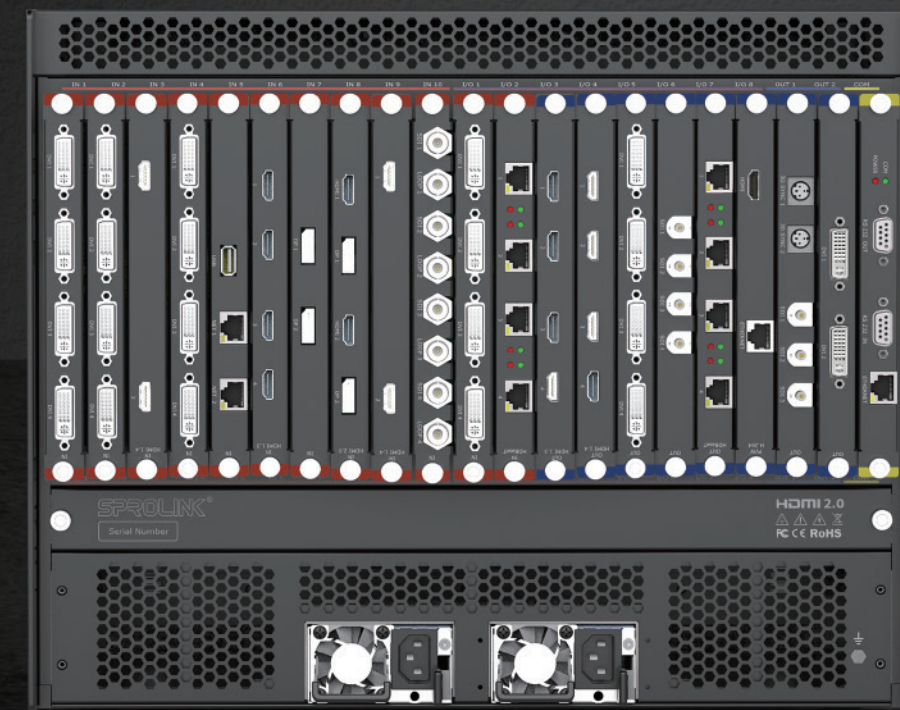


VD4



VD8

MODULAR VIDEO WALL CONTROLLER
3D/4K PIXEL-TO-PIXEL LARGE SCALE SOLUTION



VD Series Back Panel Configure

VD series UHD multi-screen splicing processor adopts pure hardware FPGA architecture. Support 4K/8K UHD signal processing and real-time lossless processing. With full synchronization processing architecture, SPROLINK ensures no frame loss during signal processing and keep all outputs in strict synchronization.

System stability is always our mission. VD Series are designed to overcome the shortcomings of similar products based on industrial computer. Average failure time MTBF>30,000 hours, support 365×24 hours of continuous operation, can adapt to the increasingly strict requirements of system performance in control room, dispatch center, monitoring center and other application.



I/O	VD2 Plus	VD4	VD8
Size	3U	4U	8U
Input Slots	2	4	10
I/O Slots	/	5	8
Output Slots	2	/	2

Input Module

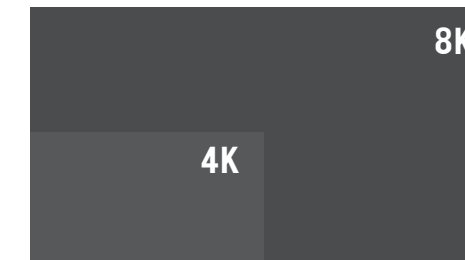
Flexible Configuration with Any Input Module Combination.

With a wide range of options available including DVI-M, HDMI, Display port, VGA, DVI, Dual Link DVI, SDI, CVBS, HDBaseT, YPbPr/YCbCr, IP, Fiber, suitable for more application requirements.

- **DVI-M Input Module compatible with HDMI/DVI/VGA/YPbPr/Cvbs (With adapter)**
- **4K@60fps Module support 1 channel 3840x2160@60fps(downward compatible) in both HDMI 2.0 and DP 1.2**
- **Support 3840x2160@30fps in 2 channels with HDMI 1.4, Dual Link DVI, DP1.1 or HDBaseT**

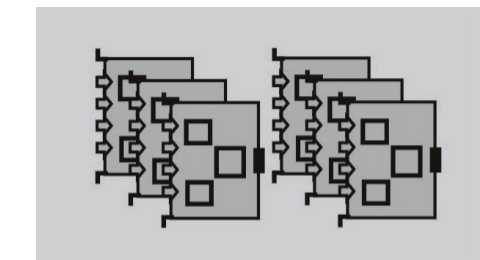
8Kx4K UHD Resolution

Support 4K input in full frame rate by single port. Support 8Kx4K resolution with multiple inputs in synchronization.



Expandable I/O Slot

To meet varied Projects, both input & output Module are compatible with flexible I/O Slot, which offering more possibilities.



EDID Management

Support EDID management, customize format of laptop, realize pixel-pixel effects. Each compatible input can be individually configured for EDID.



OSD

Configure On screen display of text from the software with different position and style. Ideal for lyrics or speeches.



Output Module

- Support customized output resolution within 2048x1200@60Hz.
- Support 1024x768-1280x800@120Hz for 3D project
- Support 1920x1080@120Hz and UHD resolution
- Support creative mapping with any degree rotation

System Control

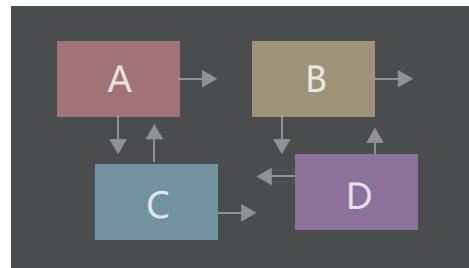
- Support LAN or RS232 remote control
- Support external RS232 output for matrix or projector control
- Support web browser control on all universal platform,extending the use of VD series

Advanced Input & Output Preview

- Support H.264 streaming to provide live video for up to 64 channels preview.
- Support Inputs multi-view by a single HDMI port.
- Support Outputs preview by a single DVI port.

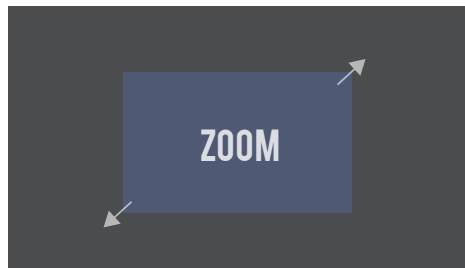
Powerful Video Layer Capacity

Arrange outputs on a virtual canvas to create large scale display in strict synchronization. Support up to 8 layers in single output without any limitation in position and size.



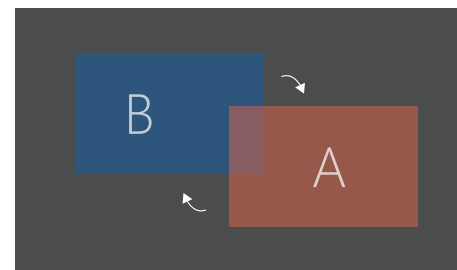
Position/Scale/Crop/Zoom

Each layer can be positioned and scaled pixel-by-pixel within the mapping resolution. Select X and Y offsets along with width and height to select any part image for output. Help to remove the unexpected image for better display.



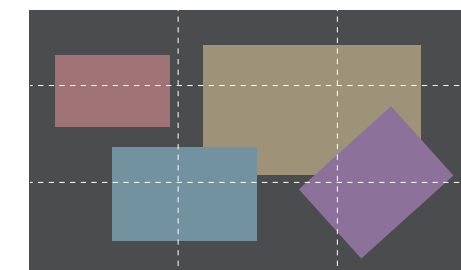
Seamless Switching

Outputs may be arranged in one or more video space across multiple display.
Support seamless switching between different presets.



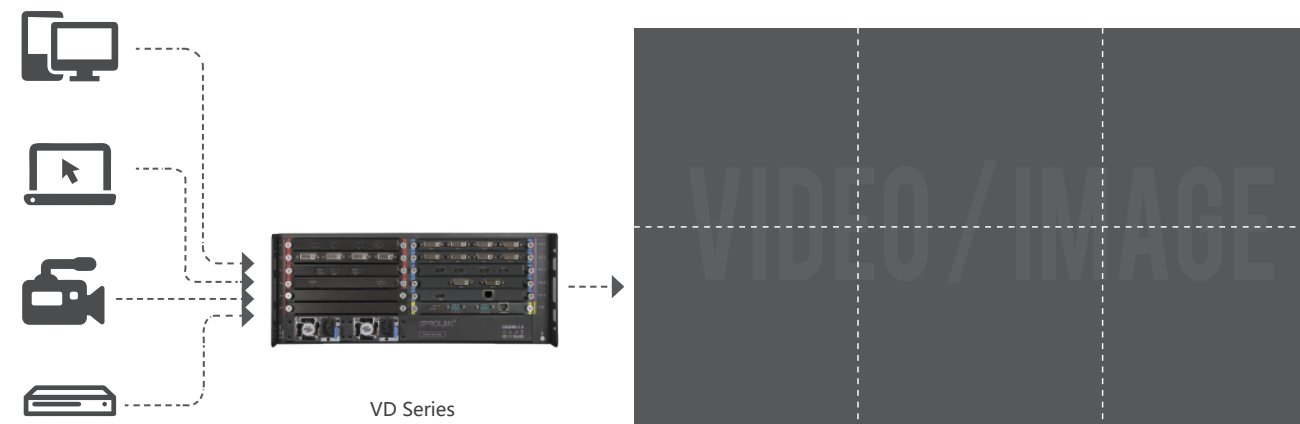
Mixed Display Control

Support customized output resolution on different board.
Support independent control for different display. Catering for a diverse range of displays of any type.

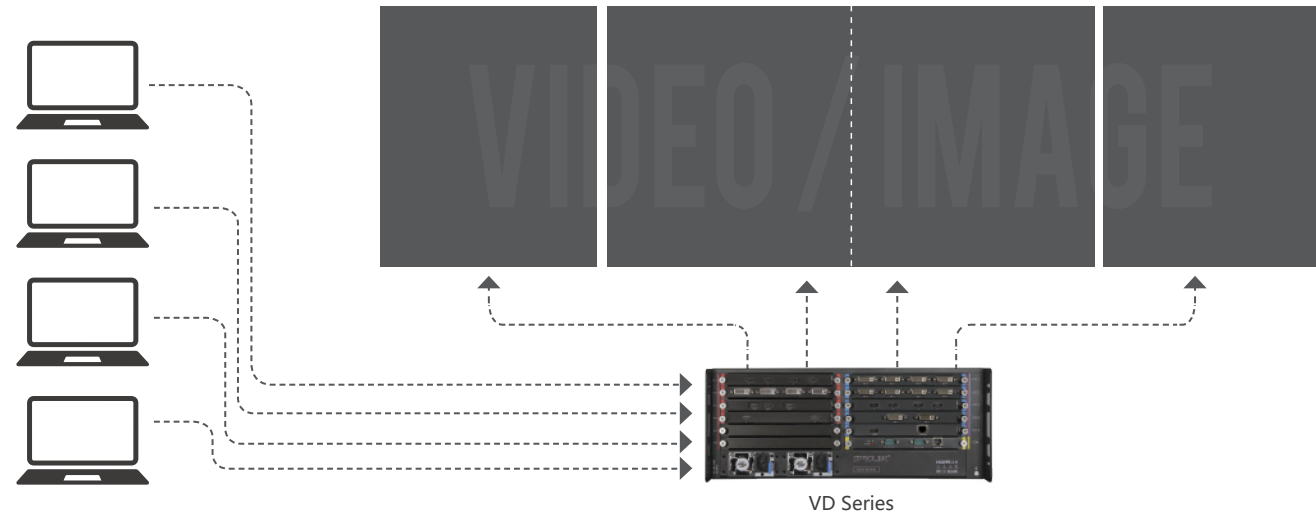


PRODUCT SOLUTIONS

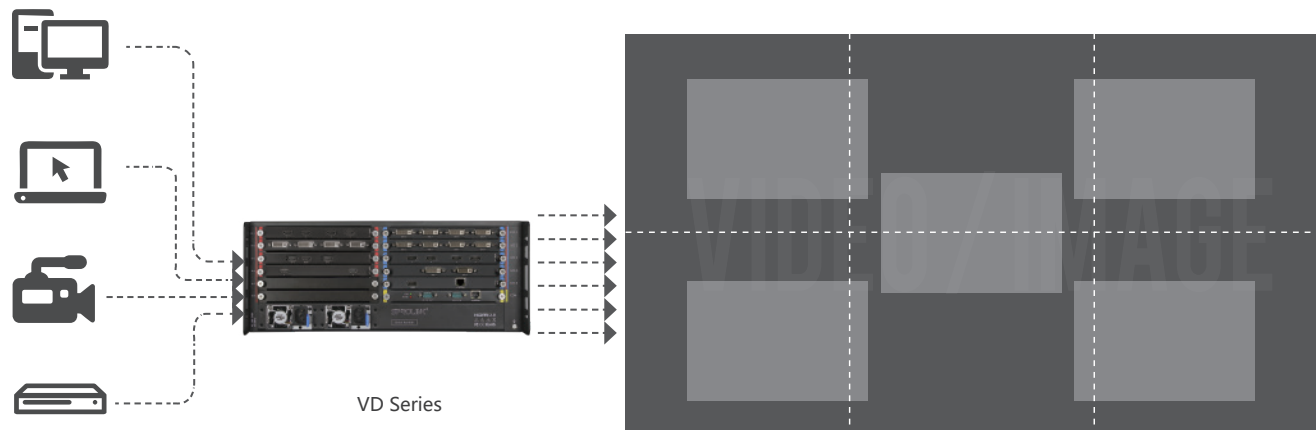
PROJECT 1: One input to multiple outputs in scaling mode



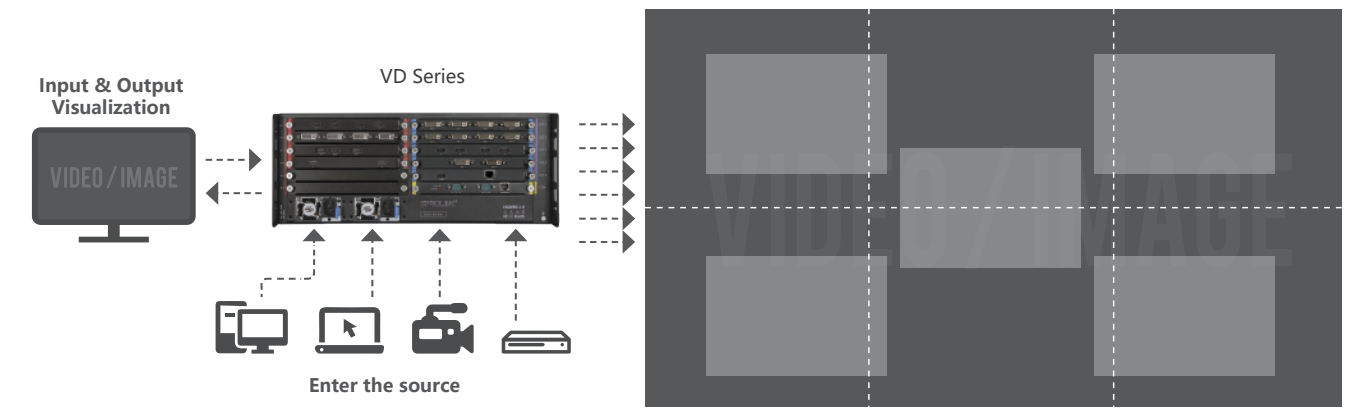
PROJECT 2: 4K Pixel-to-Pixel Splicing



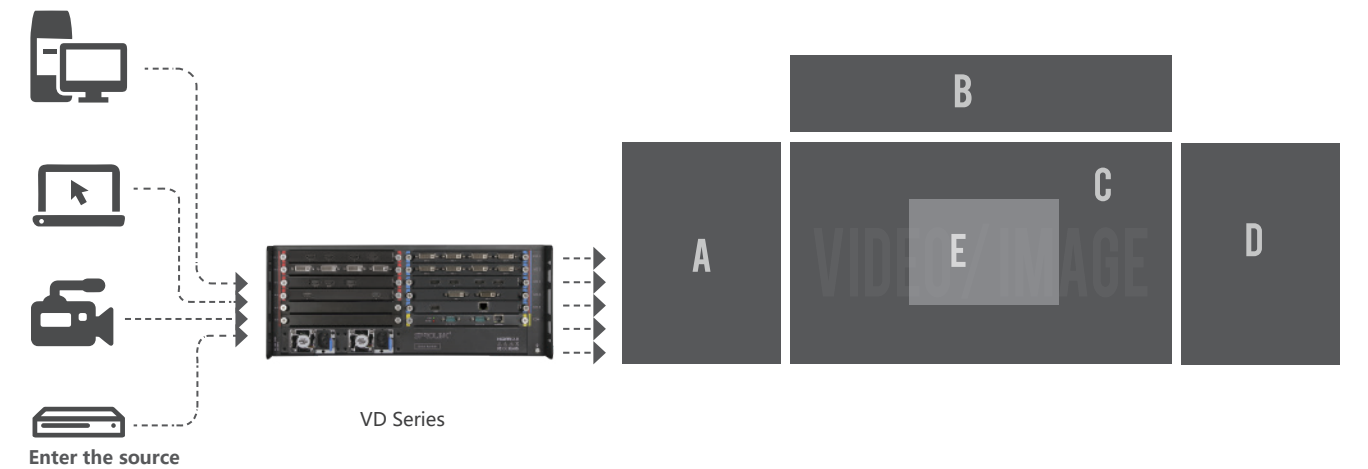
PROJECT 3: Multiple inputs and outputs in pixel to pixel splicing mode



PROJECT 4: Visualization Software



PROJECT 5: Customize Output Resolution by Module



VD INPUT MODLE

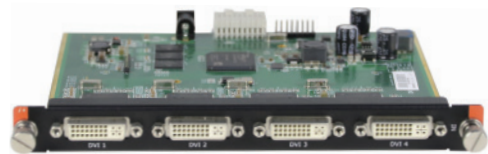
4 Channels DVI-M Input



- Support 2K input ,compatible with HDMI/DVI/VGA/YPbPr/Cvbs (With adapter)
- Support max. 1920x1200@60fps
- Support customized input resolution in EDID management
- Support Input Crop and OSD
- Support auto adjust for analog signal



4 Channels DVI Input



- Support max. 1920x1200@60fps
- Support customized input resolution in EDID management
- Support Input Crop and OSD
- Support auto adjust for analog signal



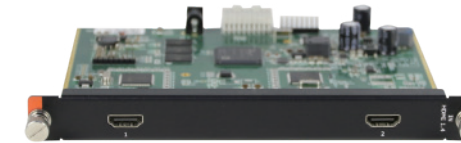
4 Channels HDMI Input



- Support HDMI 1.3 / DVI 1.0 input, HDCP compatible
- VESA Standard. Support max.1920x1200@60fps
- Support customized input resolution in EDID management
- Support Input Crop and OSD
- SMPTE Standard. Support 480i | 576i | 720P | 1080i | 1080P



2 Channels HDMI 1.4 Input



- Support HDMI 1.4b / HDMI 1.3 / DVI 1.0, HDCP compatible
- Support 3840x2160@30fps in max
- Support Input Hot Backup



Duallink DVI / DisplayPort Input



- Support Duallink DVI(24+1) and DP 1.1a
- Support max. 3840x2160@30fps or 3840x1200@60fps
- Support Input Crop and OSD



DisplayPort 1.2 / HDMI 2.0 Input



- Support DisplayPort 1.2 / HDMI 2.0, HDCP 2.2 compatible
- Support 3840x2160@60fps in max



4 Channels SDI Input



- SD-SDI | HD-SDI | 3G-SDI Standard.
- Support deinterlacing
- Support Long-line automatic equalization(100m)
- Support Input Crop and OSD



8 Channels CVBS Input



- SMPTE Standard. Support 480i | 576i
- Support Input Crop and OSD



4 Channels HDBaseT Input



- Support HDBaseT signal within 2K resolution
- Support 1920x1200@60fps in max
- Support Input Crop and OSD



2 Channels DP1.1 4K Input



- Support DP1.1 input , HDCP compatible
- Support 3840x2160@30fps in max
- Support Input Crop and OSD
- Support EDID, customize input resolution
- Support OSD



2 Channels HDBaseT 4K Input



- Support HDBaseT and HDMI 1.4
- Support 3840x2160@30fps in max
- Support 100m transfer via Cat5e or Cat6
- Support Input Crop and OSD



2 Channels IP Streaming



- Support webcams / Ethernet streaming within 2k resolution
- Support H.264 & H.265 streaming from IP camera or other IP stream
- Support max. 16x1080P60Hz decoding, 64x720P30Hz decoding



VD OUTPUT MODLE

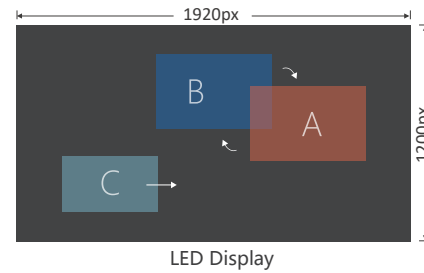
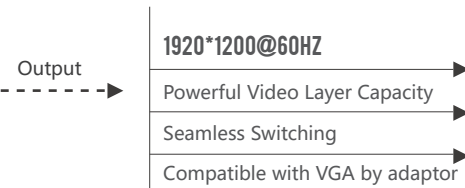
4 Channels DVI-I Output



- Output format support SMPTE 720P|1080P
- Support max.1920x1200@60fps
- Support customized output resolution (Bandwidth optimization)
- Horizontal resolution maximum 3840 pixels
- Vertical resolution maximum 1920 pixels
- Support 8 layers configuration
- Compatible with VGA adaptor for analog signal



VD Series (4xDVI-I)



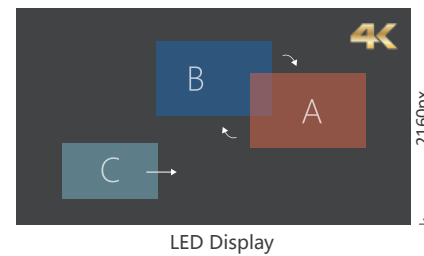
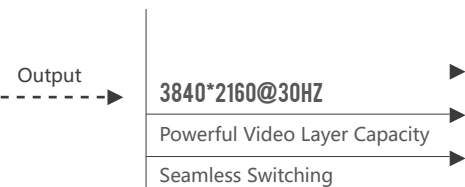
2 Channels HDMI 4K@60Hz Output



- Support Dual Link DVI
- Support 3840x2160@30fps or 3840x1200@60fps in max



VD Series (2xDuallink DVI)



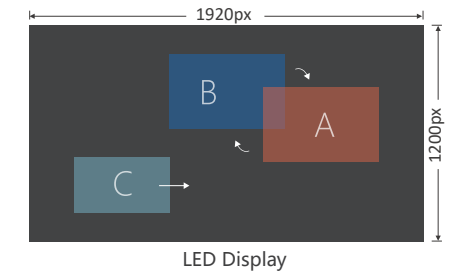
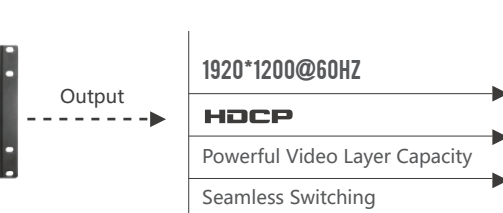
4 Channels HDMI Output



- Support HDMI1.3 / DVI 1.0
- Support customized output resolution (Bandwidth optimization)
- Horizontal resolution maximum 3840 pixels
- Vertical resolution maximum 1920 pixels
- Support 8 layers configuration



VD Series (4xHDMI)



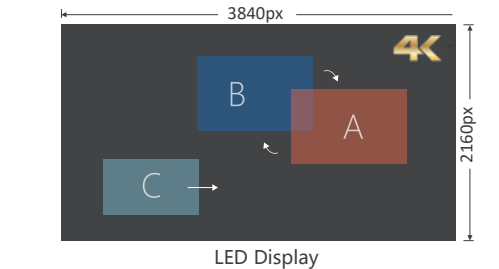
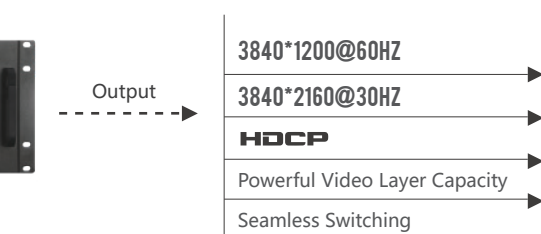
2 Channels HDMI 1.4 Output



- Support HDMI 4K 1.4b / HDMI 1.3 / DVI 1.0
- Support 3840x2160@30fps in max



VD Series (2xHDMI 1.4)



4 Channels HDBaseT Output



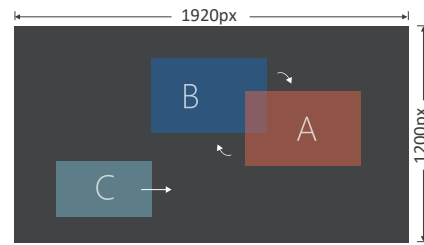
- Support HDBaseT signal within 2K resolution
- Support 1920x1200@60fps in max



VD Series (4xHDBaseT)

Output

- 1920*1200@60HZ
- HDCP
- Powerful Video Layer Capacity
- Seamless Switching



LED Display

2 Channels 90° Rotation DVI Output



- Support max. 1920x1200@60fps
- Support (0-90-180-360°) rotation output
- Support split between different pixels screens
- Support 8 layers configuration



VD Series (2xDVI)

Output

- 1920*1200@60HZ
- Powerful Video Layer Capacity
- Seamless Switching

LED Display



2 Channels Any Rotation DVI Output



- Support max. 1920x1200@60fps
- Support (0-360°) rotation in any degree
- Support any degree split by multiple outputs
- Support 8 layers configuration



VD Series (2xDVI)

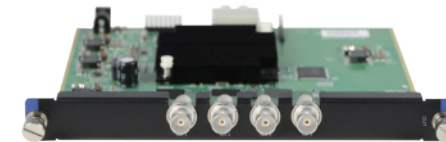
Output

- 1920*1200@60HZ
- Powerful Video Layer Capacity
- Seamless Switching

LED Display



4 Channels SDI Output



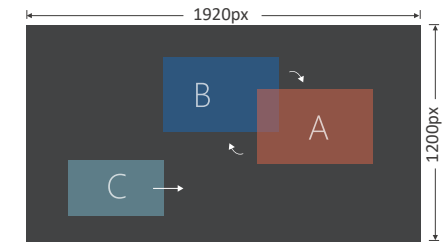
- Support SD HD 3G-SDI output
- Maximum resolution 1920x1080@60
- 4 Channels independent control and splicing
- Flexible 8 layers free roaming



VD Series (4xHDBaseT)

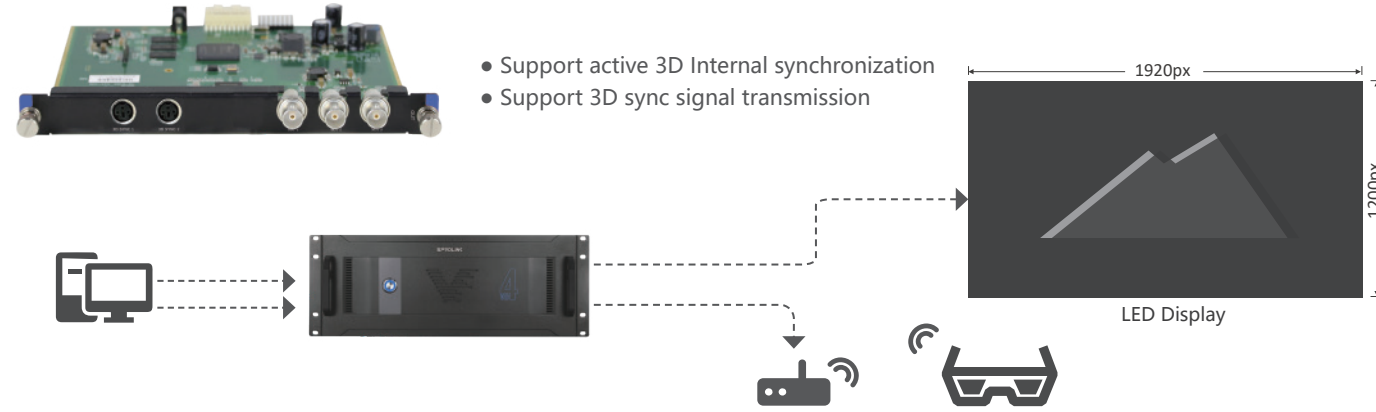
Output

- 1920*1200@60HZ
- HDCP
- Powerful Video Layer Capacity
- Seamless Switching



LED Display

2 Channels 3D SYNC Output



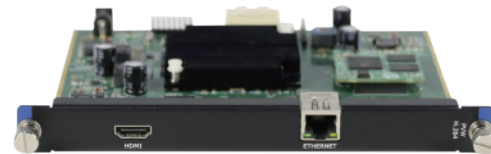
VD Function MODULE

Communication Board



Support RS232 / RJ45 control
Default IP: 192.168.1.200
RS232 out for external control

H.264 Preview Module



Input Preview by network and HDMI
Input & Output preview with software by H.264 & H.265 Support up to 64 channel Input preview in max

DVI Preset Module



Output card Preview
Preview the content of 8 outputs in single port

Input

Connector	Quantity	Description
DVI-M	4	Support 2K input ,compatible with HDMI/DVI/VGA/YPbPr/Cvbs (With adapter) Support max. 1920x1200@60fps Support customized input resolution in EDID management Support Input Crop and OSD Support auto adjust for analog signal
DVI-D	4	Support HDMI 1.3 / DVI 1.0 input, HDCP compatible VESA Standard. Support max.1920x1200@60fps Support customized input resolution in EDID management Support Input Crop and OSD
VGA	4	VGA-VESA Standard Support max.1920x1200@60fps Support customized input resolution in EDID management Support Input Crop and OSD Support auto adjust
HDMI	4	Support HDMI 1.3 / DVI 1.0 input, HDCP compatible VESA Standard. Support max.1920x1200@60fps Support customized input resolution in EDID management Support Input Crop and OSD SMPTE Standard. Support 480i 576i 720P 1080i 1080P
SDI	4	SD-SDI HD-SDI 3G-SDI Standard. Support deinterlacing Support Long-line automatic equalization(100m) Support Input Crop and OSD
CVBS	4	SMPTE Standard. Support 480i 576i Support Input Crop and OSD
HDMI 1.4	2	Support HDMI 1.4b / HDMI 1.3 / DVI 1.0, HDCP compatible Support 3840x2160@30fps in max Support Input Hot Backup
4K@60fps HDMI/DP	3	Support Displayport 1.2 / HDMI 2.0, HDCP 2.2 compatible Support 3840x2160@60fps in max
IP	2	Support webcams / Ethernet streaming within 2k resolution Support H.264 & H.265 streaming from IP camera or other stream

Input

Connector	Quantity	Description
HDBaseT	4	Support HDBaseT signal within 2K resolution Support 1920x1200@60fps in max Support Input Crop and OSD
Duallink DVI/DP	2	Support Duallink DVI(24+1) and DP 1.1a Support max. 3840x2160@30fps or 3840x1200@60fps Support Input Crop and OSD
HDBaseT+ HDMI 1.4	2+2	Support HDBaseT and HDMI 1.4 Support 3840x2160@30fps in max Support Input Crop and OSD
Fiber	4	Support 4 channel Fiber input, HDCP compatible Support 10km transcend in single mode and 300m transcend in multi-mode VESA Standard. Support max.1920x1200@60fps Support customized input resolution in EDID management Support Input Crop and OSD SMPTE Standard. Support 480i 576i 720P 1080i 1080P

Special Function Module	Description
Comm. Board	Support RS232 / RJ45 control Default IP: 192.168.1.200 RS232 out for external control
H.264 Preview Module	Input Preview by network and HDMI Input & Output preview with software by H.264 & H.265 Support up to 64 channel Input preview in max
DVI Preset Module	Output card Preview Preview the content of 8 outputs in single port

Output

Connector	Quantity	Description
DVI	4	Output format support SMPTE 720P 1080P Support max.1920x1200@60fps Support customized output resolution (Bandwidth optimization) Horizontal resolution maximum 3840 pixels Vertical resolution maximum 1920 pixels Support 8 layers configuration Compatible with VGA adaptor for analog signal
HDMI	4	Support HDMI1.3 / DVI 1.0 Support customized output resolution (Bandwidth optimization) Horizontal resolution maximum 3840 pixels Vertical resolution maximum 1920 pixels Support 8 layers configuration
HDMI 1.4	2	Support HDMI 4K1.4b / HDMI 1.3 / DVI 1.0 Support 3840x2160@30hz in max.
HDMI 2.0	2	Support 4 channel Fiber input, HDCP compatible Support 10km transcend in single mode and 300m transcend in multi-mode VESA Standard. Support max.1920x1200@60fps Support customized input resolution in EDID management Support Input Crop and OSD SMPTE Standard. Support 480i 576i 720P 1080i 1080P
HDBaseT	4	Support HDBaseT signal within 2K resolution Support 1920x1200@60fps in max
90° Rotation Output	2	Support 1920x1200@60fps in max Support (0° -90° -180° -360°) Rotation
Any Rotation Output	2	Support 1920x1200@60fps in max Support (0° -360°) Rotation in any degree
SDI	4	Support SD/HD/3G-SDI Support 2K resolution

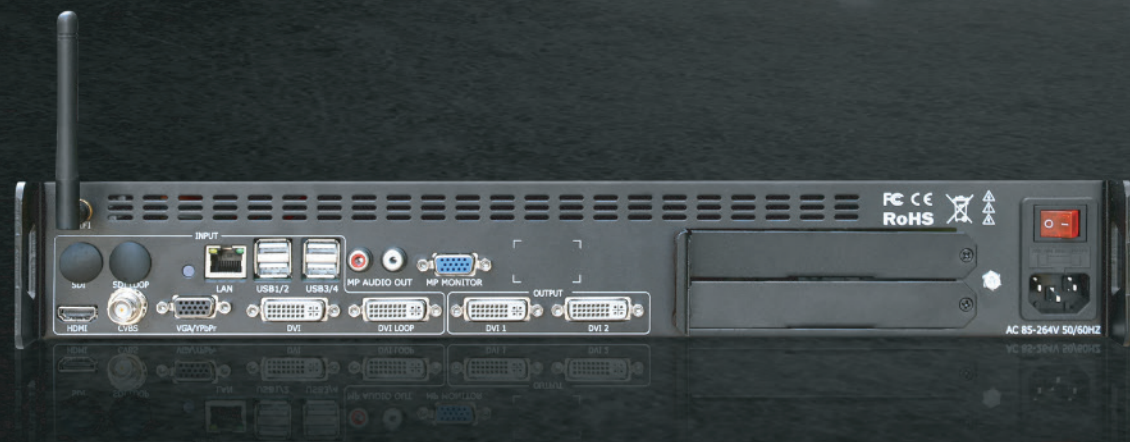
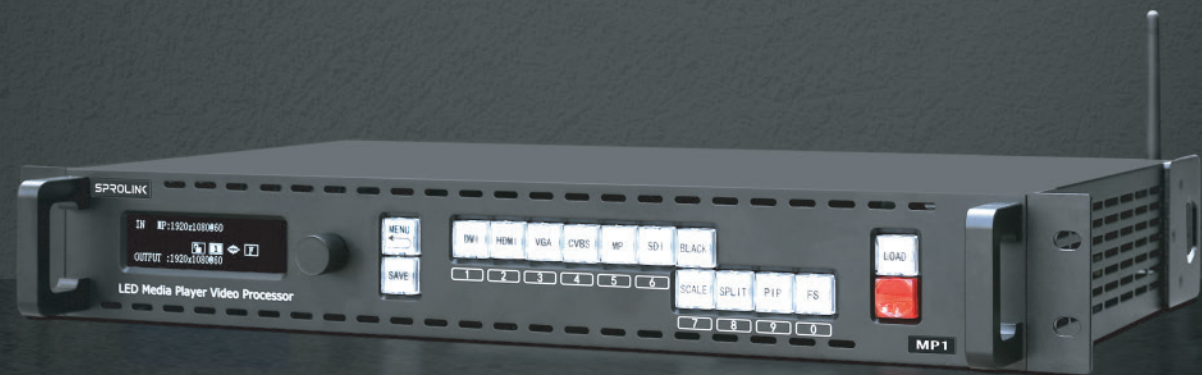


VIDEO SCALER

MP1	45
VA1	49

MP1

STUDIO INTEGRATION
WITH INTERNAL STORAGE
EMBEDDED CONTROL TERMINAL
NO NEED EXTRA COMPUTER
SAVING MAINTENANCE COST



- Update Media on Internal Storage
- Multi-View on Control Terminal
- Support Video, Picture and Rolling OSD Playing
- Support Mobile APP Control, Built in WIFI Hot Spot
- Network Control
- Any Signals Seamless Switching
- Support 2.5 Million Pixels Customized Resolution
- EDID Management
- Signal Hot Backup
- Cascade Connection
- Two Optional Sending Cards Embedded

• Broadcast Studio Integration

Upload Videos, images and rolling OSD via MP1 studio platform.
Support unlimited playing windows, ideal for advertising business.

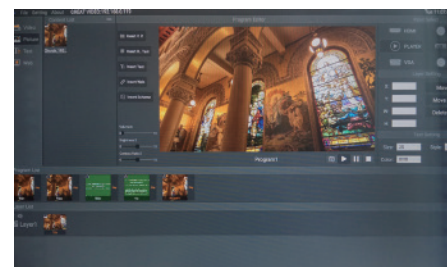


Built-in 32G storage with editor software embedded, no need extra PC.

MP1 is a video processor with integrated multimedia player, built-in 32G storage: no need extra computer and video input source.

With embedded editor software, you can switch the signal source and do parameter setting for display directly.

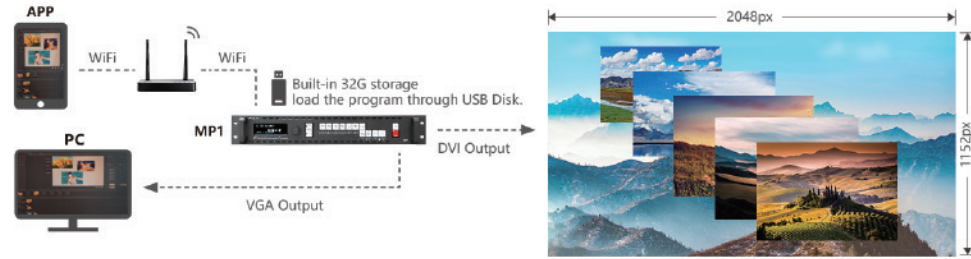
• APP Remote Control with Display Schedule Management.



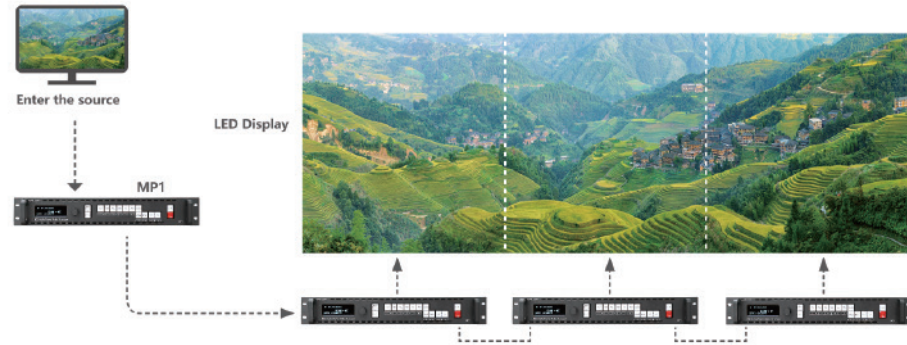
• New Experience with Studio Integration Processor.



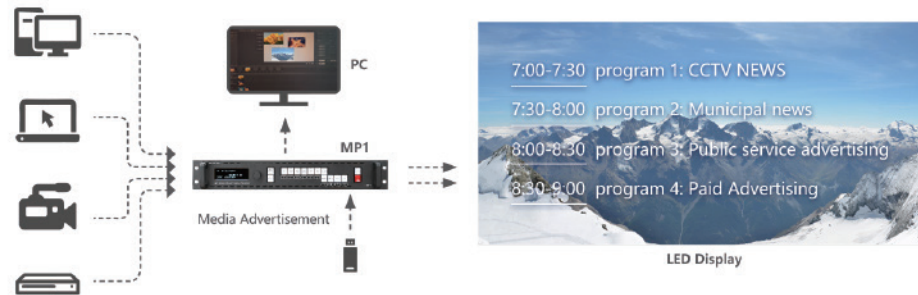
PRODUCT SOLUTIONS



Application 1:
Broadcast Studio Integration



Application 2:
Cascade Splicing



Application 3:
Plaza Application

Input

Connector	Quantity	Description
HDMI 1.3	1	VESA Standard. Support max.1920x1200@60hz. Support customized input resolution. SMPTE Standard.
DVI DVI Loop	1	VESA Standard. Support max.1920x1200@60hz. Support customized input resolution. DVI Loop consistent with DVI input.
VGA / YPbPr	1	VGA-VESA Standard. Support max.1920x1200@60hz. YPbPr-SMPTE Standard.
CVBS	1	SMPTE Standard. Support 480i 576i
USB	4	USB 1/2/4 for external connection (Keyboard / Mouse) for software operation or load content from USB driver USB 3 for Update
SDI SDI Loop	1	SD-SDI HD-SDI 3G-SDI Standard. Support deinterlacing SDI Loop consistent with SDI input.

Output

Connector	Quantity	Description
DVI (main output)	2	Output format support SMPTE 720P 1080P Support 1920x1200@60hz in maximum Support customized output resolution (Bandwidth optimization) Horizontal resolution maximum 3840 pixels Vertical resolution maximum 1920 pixels Support cascade split Support color adjustment
VGA (program edit output)	1	Connect with monitor for software configure
RCA (audio output)	2	Media player audio out (LxR)

Operation

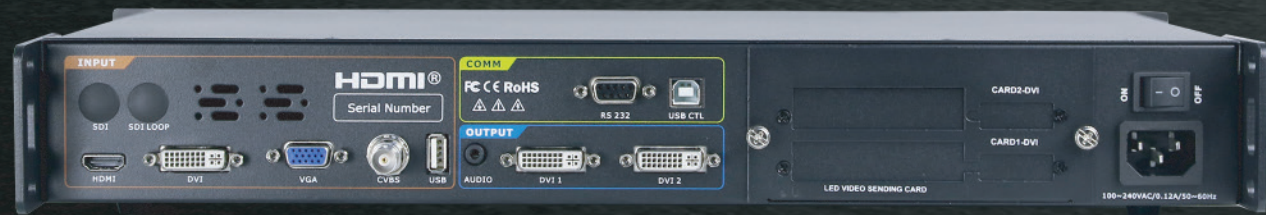
Connector	Quantity	Description
RJ45(port)	1	Connect with router for tablets control
WIFI(hotspot)	1	Create hotspot for tablets control

LED Control

Connector	Quantity	Description
Sending Card Slot	2	For sending card installation

VA1

SEAMLESS PROFESSIONAL SCALER AND SWITCHER

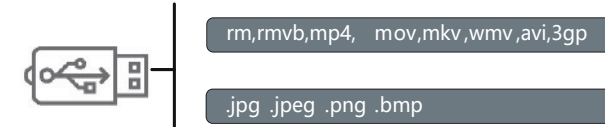


- Seamless Switching Between Any Source
- Free Customized Among 2.5 Million
- PIP From any Source in Any Position & Size
- EDID Management

- Cascade Split
- Open Protocol Control
- Two Sender Card Built-in
- Signal Hot Backup

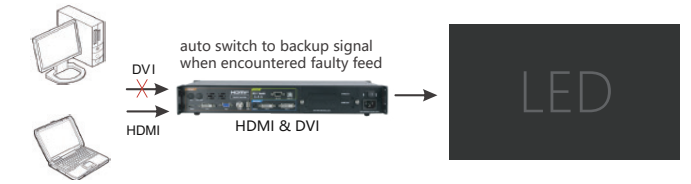
• Plug & play USB Media Player

VA1 has USB port on both front and back panel. Support both image and video media files.



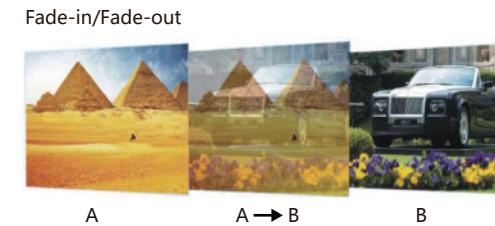
• Signal Hot Backup

Support DVI-HDMI hot backup. VA1 support auto switch when encountered input signal issue.



• Seamless switching

Seamless switching between any input channel.

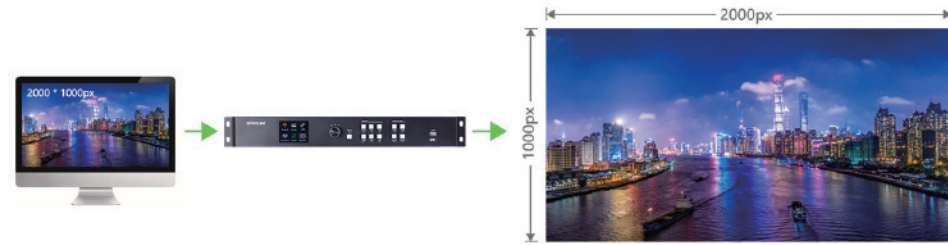


• AV Sync Switching

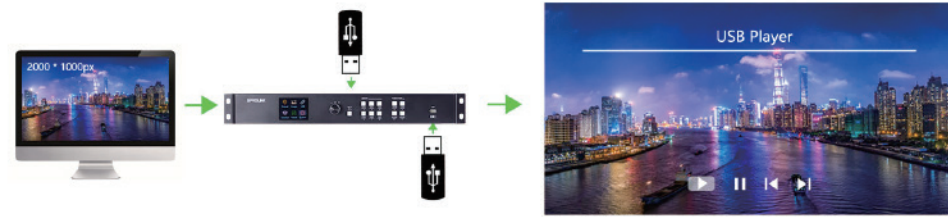
Support HDMI DVI USB audio & video switching with 3.5mm audio jack output.



PRODUCT SOLUTIONS



Application 1:
Customized Input & Output Resolution for Pixel by Pixel Display



Application 2:
Play Video & Image Content Via USB with 6 Transition Feature



Application 3:
Audio & Video Sync Switching

Input

Connector	Quantity	Description
HDMI	1	VESA Standard. Support max.2048x1152@60hz. SMPTE Standard.
DVI	1	VESA Standard. Support max.2048x1152@60hz.
VGA	1	VGA-VESA Standard. Support max.1920x1200@60hz.
USB	2	Video: 720P rm rmvb mp4 mov mkv wmv avi 3gp Picture: jpg jpeg png bmp
CVBS	1	SMPTE : 480i 576i
SDI SDI Loop	Optional	SD-SDI HD-SDI 3G-SDI Standard. Support deinterlacing SDI Loop consistent with SDI input.

Output

Connector	Quantity	Description
DVI	2	Output format support SMPTE 720P 1080P Support 1920x1200@60hz In maximum Support customized output resolution (Bandwidth optimization) Horizontal resolution maximum 3840 pixels Vertical resolution maximum 1920 pixels Support cascade split Support color adjustment
Audio Jack	1	Support 3.5mm stereo audio jack

Operation

Connector	Quantity	Description
RS232/USB	1	Offer Open Protocol.

LED Control

Connector	Quantity	Description
Sending Card Slot	2	For sending card installation

Welcome to the
MCVTE meeting
Darwin, 20 November 2008

WIRELESS PRESENTATION SYSTEM

T Series 55



T SERIES



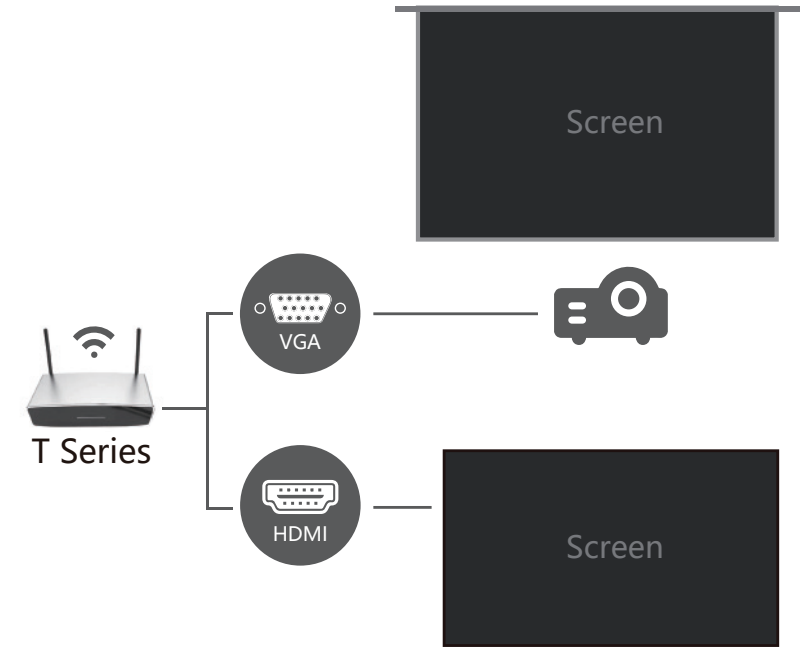
GoShare Wireless Content Sharing System

GoShare is the most simple way to connect or participate in a meeting. It allows the users to share content wirelessly. GoShare is based on Linux system. Compared with traditional Android system, it is with more stability and safety. With default 5GHz transmission, Goshare can realize less delay signal transfer. Support Windows , Mac,Android,and IOS platform content sharing and any universal HDMI Source wireless transmission. No cables, no set-up, no waiting to join in. Perfect for meeting room application.

Wireless Content Sharing by APP

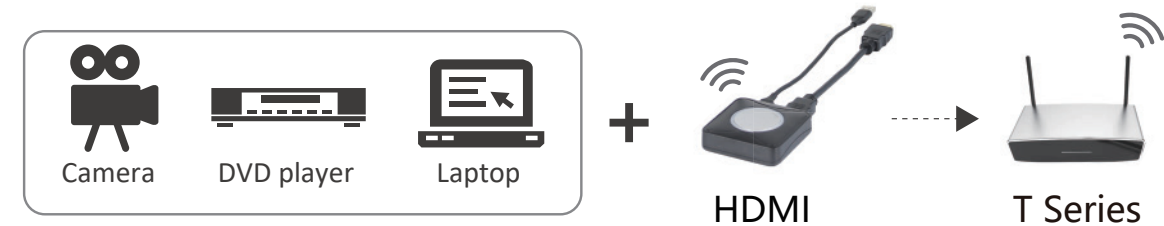


Wireless Content Sharing by GoShare



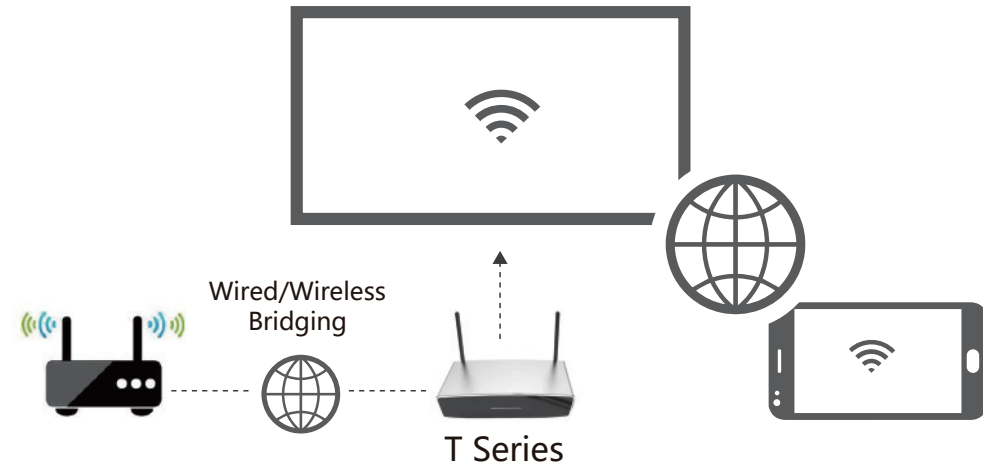
No Software Installation Compatible for all HDMI Media Source

GoShare can transfer the content of all HDMI media source. No need to install extra software. Just plug the click button to target device, wait for a few seconds to establish connection, the content will be ready to go.



Wired or Wireless Bridging

T Series support wired or wireless bridging with built-in network card. If you want to connect to Internet while casting mobile device, just build the network bridge with current network. Sharing your content without interrupting the Internet access.

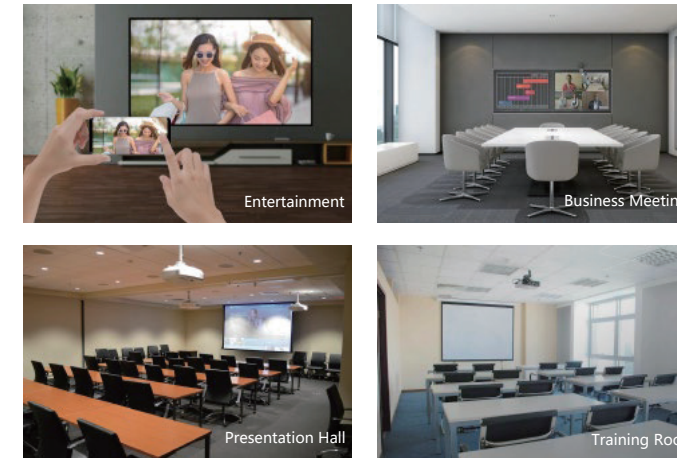


Multi-view for Multiple User

While physical cable connection only support one user presentation at one time, T Series support single view, 1x2 split view, 2x2 quad-view or 3x3 split view for multiple user.



Application

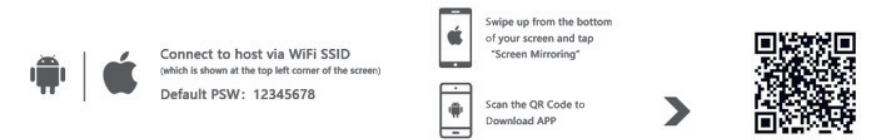


System Connection

PC Users



Pad / Phone Users

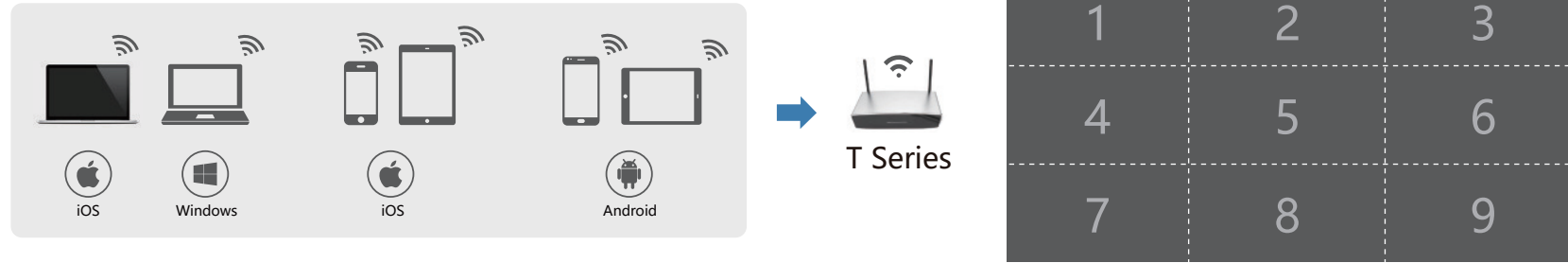


Dual Output Channel

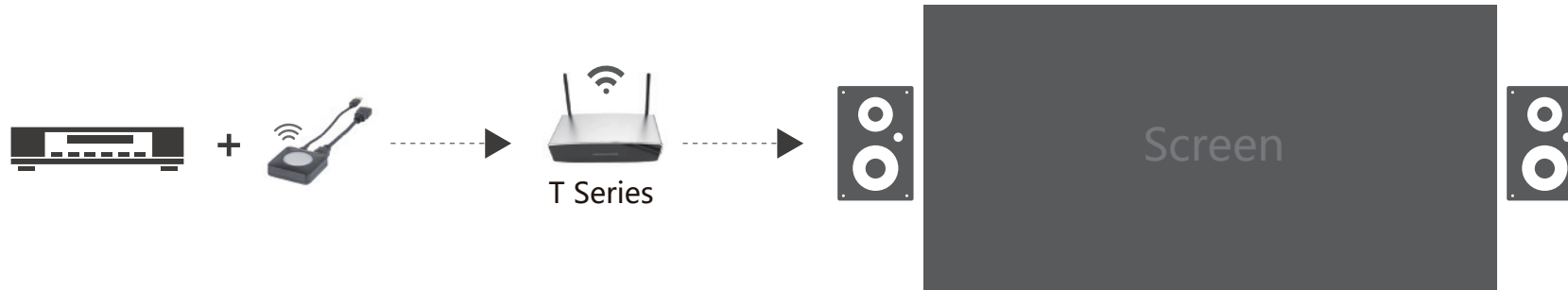
Support both HDMI and VGA output. Ideal for any type of display solution.



Application 1: Wireless Presentation



Application 2: AV Sync Switching



Operating System	Windows 7/8.1/10 32bit and 64bitMAC OS X 10.10/10.11/10.12 and up Smart Phone wireless mirror Support IOS airplay, iOS9/iOS10/iOS11, OS X 10.10/10.11/10.12 and above Android 5.0 and above
OutputAudio	1xHDMI, 1xAudio analog line out on mini jack socket (3.5mm), 44.1KHz /16bit
Other Port	1x RJ45, 2xUSB
Output Resolution	3840x1080 3840x2160 4096x2160
Number of Sources Simultaneous on Screen	1 / 2 / 4 / 9
Number of Simultaneous Connections	16
Wireless Transmission Protocol	IEEE 802.11ac/802.11n
Wireless Transmission Speed	Up to 867Mbps
Wireless Transmission Distance	max. 30m (100 ft) between Goshare and Base Unit
Frequency band	2.4 GHz and5 GHz (Default)
Anti-theft protocol	WPA2-PSK
Transimission delay	Less than 100mS
Wireless LAN	Optional
Power Supply	Goshare Base Unit: 12V/1A, Power Consumption 5W Goshare Button: 5V/500mA, Power Consumption1.5W
Power Consumption	40W
Temperature	Operating: -5°C to +40°C
Humidity	Storage: 0 to 90% relative humidity, non-condensing Operation: 0 to 85% relative humidity, non-condensing
Weight	1kg (Device)
Dimension	190mm x 120mm x 30mm (Device)



ACCESSORIES

SD8 / SD6	63
LK4	65
LK2	67
LK8-H	68
LK8-D	69
LK9	70

SD8 / SD6



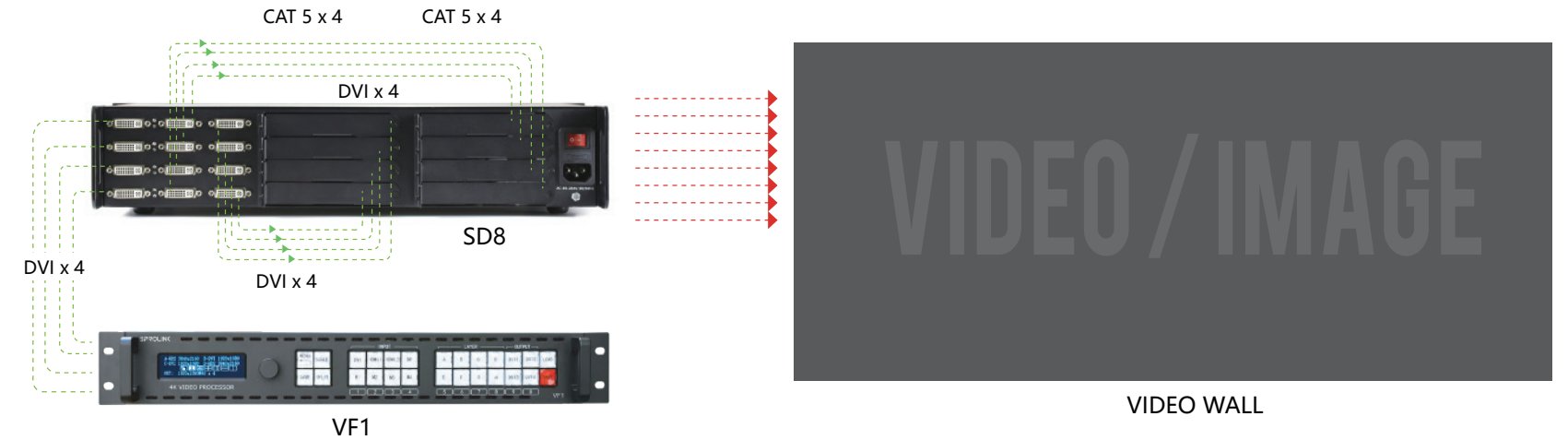
SD8 / SD6 video distribution structure, built-in DVI distributor with 4 DVI distribution, each input can be assigned to 2 output. SD8 is well-designed with a card push-pull structure which supports 8 sender card slots(4 Nova MSD600) makes installation easier.

SD8 / SD6 is compatible with all manufacturers' sender cards, including Linsn 801 / 802, Nova MSD300, MSD600, Mooncell, Colorlight and DBSTAR.

SD8 / SD6 signal adaptive matching design solves the problem of signals high-resolution interference and non-synchronization during distribution. The distribution system solves the problems of cascade and signal backup and also protects the interface of the sending card. The SD8 / SD6 has high speed fan to solve the heat dissipation.

- Built-in Fan
- Compatible with all manufacturers' sender cards, support 8 small cards or 4 big cards.
- Unified installation management to reduce purchasing costs.
- Drawer design, no need to disassemble the device.
- DVI signal distribution, each DVI input is assigned to 2 DVI outputs.

SENDER BOX



Input	4 × DVI
Output	8 × DVI
Input RES	800x600 1024x768 1280x1024 1600x1200 1920x1080 1920x1200 2048x1152
Output RES	800x600 1024x768 1280x1024 1600x1200 1920x1080 1920x1200 2048x1152
Input Voltage	AC 100~264V (Typical 110/220) 50/60Hz
Max Power	50W
TEMP	-25°C ~55°C (Typical 25°C)
Humidity	20%~90%
Weight	3.8kg (Net Weight) 7 kg (Package)
Dimension	480mm x 283mm x 89mm (Device) 540mm x 380mm x 140mm (Package)

LK4 HDMI ACTIVE OPTICAL CABLE



HDMI 2.0 ACTIVE OPTICAL CABLE

HDMI 2.0 active optical cable (HDMI 2.0 AOC) is equipped with premium photoelectric conversion module and optical fiber conductor core, enable to transfer video and audio as optical signal without signal loss or delay even at a much longer distance.

It is compliant to link with all HDMI A type connector, and compliant with HDMI 1.4 Specification.

Ultra slim (4.8mm diameter) and lightweight wire makes cabling easier and you can route the thin wire around the tight space as you want.

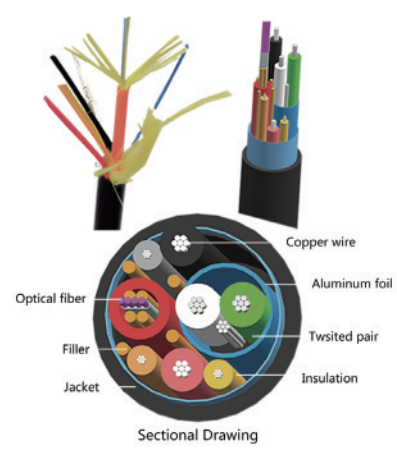
No signal delay and provides higher speed than copper HDMI Cable.

Support HDR, 3D, ARC, CEC, EDID, HDCP 2.2
 Data rate: 18 Gbps (6 Gbps per channel, total 3 channels)
 Resolution ratio: 4K@60Hz, with Subsampling 4:4:4 or 4:2:2 or 4:2:0

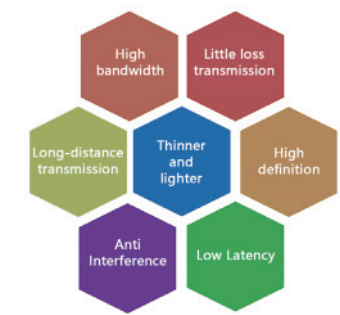
Backwards Compatible with 1080P / 1080i / 720P / 480P
 32 Uncompressed audio Channels, 1536kHz Sample rates
 Low Power Consumption: 250mW (max). (Power extracted from HDMI Source)

Gold Plated Connectors for anti-corrosion
 Up to 300 Meters over High Speed Multimode Fiber (MMF)

Signal Extender



PRODUCT STRUCTURE



ADVANTAGES

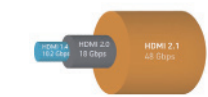
This HDMI 2.0 Active Optical Cable is Only One-directional, Not bi-directional. Please ensure the "Source" and "Display" Connector will connect to the relevant device before wiring.



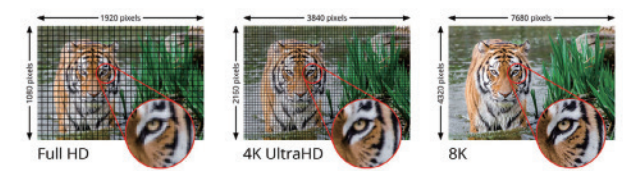
APPLICATION FIELDS

Equipped with premium photoelectric conversion module and Optic fiber conductor core to meet the Requirement of 8K High Definition.

Support 8K@60Hz (7680x4320px)
 Data rate: 48 GDPS
 The Length is up to 100 Meters



Currently, there are still few devices supporting 8K HD on the Market. As Demand for HD Vision Grows, HDMI 2.1 Will Become a Trend.



LK2 HDMI 2.0 18Gbps Fiber Extender

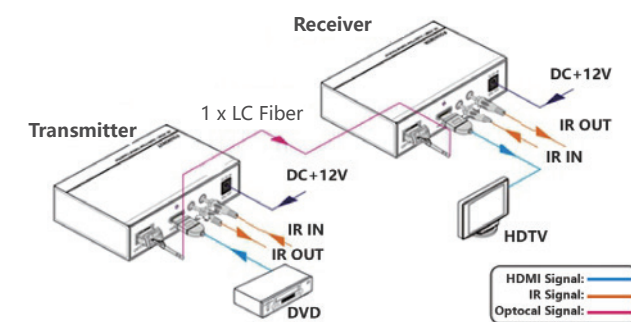


Features

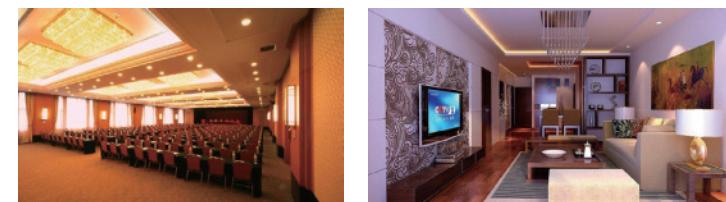
- Lossless transmission by 4K@60Hz 4:4:4 Dolby Vision
- HDMI2.0, HDCP2.2 compliant
- Highest resolution 4096x2160P@60Hz 4:4:4
- Fiber optical bandwidth 18Gbps
- LC fiber connector, transmission over single optical line
- Support signal/multi mode fiber, transmit up to 300m with HDCP, 2km with single mode fiber without HDCP
- Support bi-directional IR and RS232
- 12V power supply with locker

LK2 is a HDMI2.0 18Gbps fiber optical extender. Supporting uncompressed 4K UHD resolution at 4K@60Hz 4:4:4 with HDCP 2.2 on the distance up to 300m. Signals are transferred over a single optical line with either singlemode or multimode fiber.

APPLICATIONS



CONNECTION DIAGRAM



LK8-H Cat6/6a HDMI extender up to 230ft/70m

Our HDBaseTTM products offer the very best in performance and flexibility. LK8-H extender can send HDMI, audio, and bi-directional RS232 and IR signals up to 230ft/70m over a single Cat6/6a cable. It provides an economical and effective way for extending HDMI 4K ultra HD with embedded multi-channel audio from HDMI sources. In addition, both transmitter and receiver can send power over cable to the other end. The compact enclosure size and remote power capability make LK8-H ideal for discreet placement behind flat-panel displays, or wherever needed to meet installation requirements.



Features

- Proven HDBaseTTM technology offering uncompromised video quality and reliability
- Extends 1080P up to 230ft/70m over a single CAT6/6a cable – shielded cable recommended
- Extends 4K UHD up to 131ft/40m (3840x2160@30Hz 4:4:4, 4096x2160@24Hz 4:4:4, and 4K@60Hz 4:2:0)
- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K
- HDCP2.2 compliant
- Support all known HDMI audio formats including Dolby TrueHD, Dolby Atmos, Dolby Digital Plus and DTS-HD Master Audio
- Remote power capability – only one external power supply is needed
- EDID and HDCP pass through
- CEC pass through
- Two-way RS232 and IR communication
- Supplied with wideband 30-60KHz infrared cables as full kit

LK8-D Cat6/6a DVI extender up to 230ft/70m

Our HDBaseTTM products offer the very best in performance and flexibility. LK8-D extender can send DVI, audio, and bi-directional RS232 and IR signals up to 230ft/70m over a single Cat6/6a cable. It provides an economical and effective way for extending DVI 1920*1080 with embedded multi-channel audio from DVI sources. In addition, both transmitter and receiver can send power over cable to the other end. The compact enclosure size and remote power capability make LK8-D ideal for discreet placement behind flat-panel displays, or wherever needed to meet installation requirements.

Features

- Proven HDBaseTTM technology offering uncompromised video quality and reliability
- Extends 1080P up to 230ft/70m over a single CAT6/6a cable – shielded cable recommended
- Supports all industry standard video resolutions
- HDCP2.2 compliant
- Remote power capability – only one external power supply is needed
- EDID and HDCP pass through
- CEC pass through
- Two-way RS232 and IR communication
- Supplied with wideband 30-60KHz infrared cables as full kit



LK9 HDMI VGA DP 3:1 switcher wall plate with HDBaseT output

LK9 is an HDMI/DP/VGA wall plate with HDBaseT output. It sends HDMI, audio, bi-directional RS232 and IR signals up to 230ft/70m over a single Cat6/6a cable. It provides a RS232, IR in and out, audio embedded with VGA in front panel, users could switch sources with the front button or RS232 command. LED indicators show the status of each input.

There are 2 working modes for LK9, auto mode and manual mode. In auto mode, it will detect inputs automatically, and switch to the latest connected source automatically. In manual mode, users have to switch to the connected source manually.

There is a micro USB connector in front panel, which could be used to update the firmware. RS232 port also available in back cover side. LK9 could be powered up by local supply or POC powered by remote receiver, there is an extra 24V power output if local power is not used.

Features




- HDMI1.4, HDCP1.4 compliant
- HDBaseTTM technology
- Use the privately-owned DDC Emulation technology, improved compatibility.
- Firmware could be updated by Micro-USB
- Support video resolution from 480P to 4K@60 4:2:0, support 3D video.
- Transmit 4K video up to 131ft/40m, 1080P video up to 230ft/70m with Cat6/6a cable
- Uncompressed video, bandwidth 10.2Gbps
- Support bi-directional IR and RS232 control signal
- Support audio embedded and de-embedded
- Support audio separate from video transmit up to 70m
- Bi-direction POC (power over cable) 24V, one power supply to power up both Tx and Rx
- Both side support POC on off switch
- Recommend to use CAT6/6a/7 cable, 70m cable resistance should be less than 10 Ohm



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XIAMEN SPROLINK SCIENCE & TECHNOLOGY CO., LTD

 Unit 301, No.1734, Gangzhong Road, Xiamen Free Trade Zone, China.

 sales@sprolink.com  +86 592 556 5698  www.sprolink.com

