SPROLINK®

CREATIVE VIDEO REVOLUTION
SOLUTION & SERVICE PROVIDER

4K / HDR / 3D

2020
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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4K VIDEO PROCESSOR

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VF1

4K@60 4:4:4 10BIT DISPLAY
FLEXIBLE SPLIT WITH ULTRA-WIDE RANGE

- Input Formats Up to 4K@60Hz 4:4:4
- Seamless Switching Between Any Source
- Independent Output Routing
- Support EDID Management
- Pixel to Pixel Split
- Flexible Split with Ultra-wide Range
- Output Backup
- Support Open API
- PIP From Any Source in Any Position and Size

• 4K@60Hz Input

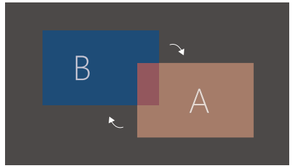
Support UHD 4K@30Hz,4K@60Hz input.
Dual Link DVI / HDMI 1.4 / HDMI 2.0 / DP 1.2 Inputs compatible.

• Output Backup

4 x DVI output and 4 x Backup DVI output with independent decoder chip; Sending card cascade for high resolution LED display or system backup.

• Preview seamless switching

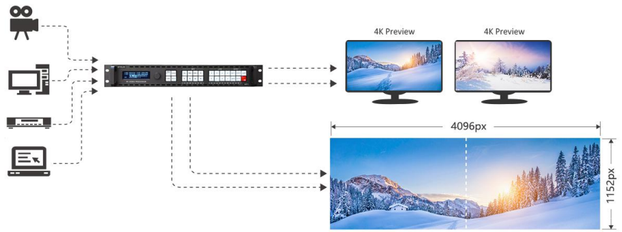
Support any source preview for two port split. Use TAKE to enable Seamless switch on PGM display; Support seamless switch and fast switch on 4 port split.



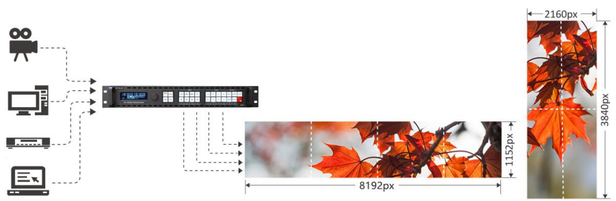
• Ultra-wide range split, any channel PIP

Support 8k x 1k(8192x1152) or 2K x 4K (2160X3840) by single unit.

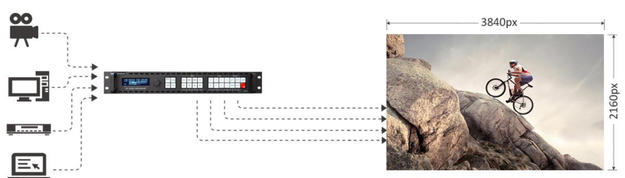
PRODUCT SOLUTIONS



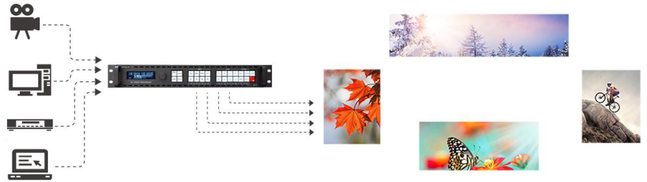
Application1:
4K x 1K Preview Seamless Switch



Application 2:
8K x 1K Horizontal Split, 2K4K Vertical split



Application 3:
4K x 2K Pixel to Pixel Split Seamless Switch



Application 4:
Display Different Image on 4 LED Screens

Input

Connector	Quantity	Description
Dual DVI	1	Support max. 3840*2160@30hz and downward compatibility Support customized input resolution
HDMI 1.4	1	Support max. 3840*2160@30hz and downward compatibility Support customized input resolution
HDMI 2.0	1	Support max. 3840*2160@60hz and downward compatibility Support customized input resolution
Displayport 1.2	1	Support max. 3840*2160@60hz and downward compatibility
Optional DVI / SDI / HDMI DP / USB / VGA YPbpr / CVBS	1	Support DVI/SDI/HDMI/DP/USB/VGA/YPbpr/CVBS etc. Input port option

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 Backup	4	Output backup port display same image as related output port

Operation

Connector	Quantity	Description
RJ11 / RS232	1	Offer Open Protocol. Support third party control
USB	1	Firmware update

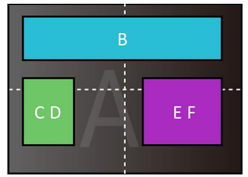
VF1 PRO

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

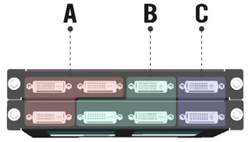
• Advanced Layering Capacity

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



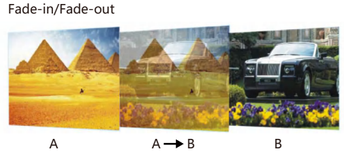
• Flexible Splicing

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



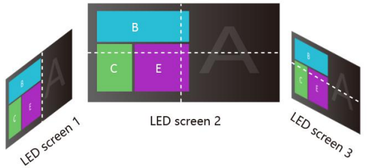
• Fade in Fade out Transition

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



• 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 .

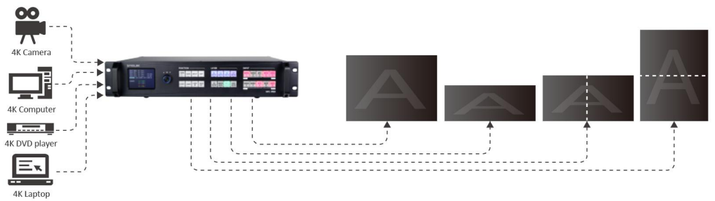
LED screen

Monitor

• Image Quality Adjustment

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

PRODUCT SOLUTIONS

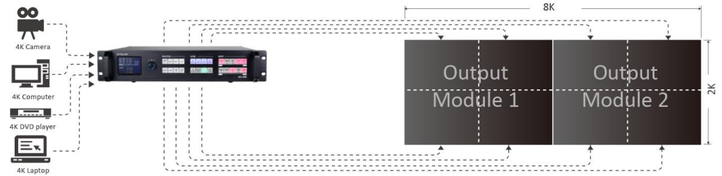


Application1:

Independent control for 4 set of screens

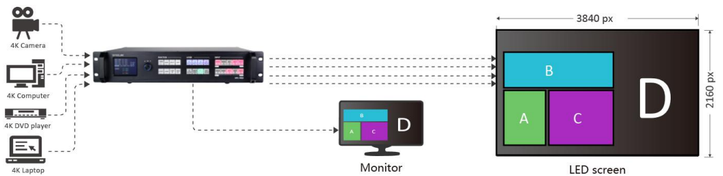
Application 2:

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

HDR10 MORE COLORFUL AND BRILLIANT DISPLAY
4K@60HZ 4:4:4 10BIT PROCESSING
4K@60HZ INPUTS AND OUTPUTS

- Support HDR Color Reduction and Enhancement
- Support DP1.2 / HDMI2.0 4K@60Hz Input
- Support HDMI2.0 4K@60Hz Output
- Support Any 4k Preview Input
- Support Any 4K PIP Input Channel
- Support EDID Management, PIP Display
- Support Cascade Split
- Support Embedded Audio Decoder, Video and Audio Synchronization
- Support 420 | 422 | 444 Video Format
- Support Open Control Protocol
- Support PIP

• HDR10 Color Reduction and Enhancement

HDR (High Dynamic Range) provides more dynamic range and image detail than normal images, depending on the SDR (Standard Dynamic Range) image for different exposure times.

The HDR image is synthesized with the SDR image, corresponding to the best detail for each exposure time, which can better reflect the visual effect in the real environment. Under the action of HDR10, VF4 video processor shows more vivid. It can be alternated between cool and warm colors. HDR 10 offers viewers increased contrast and luminance ranges, a broader and richer color palette and an immersive viewing experience.

• 4K@60Hz Input

Support HDR 4K@30Hz, 4K@60Hz input.
HDMI 1.4 (Dual Link DVI) / HDMI 2.0 / DP 1.2 Inputs compatible.

• One Unit support 4K Output

2 x HDMI 2.0 output with independent decoder chip; Sending card cascade for high resolution LED display or system backup.

HDR INTRODUCTION

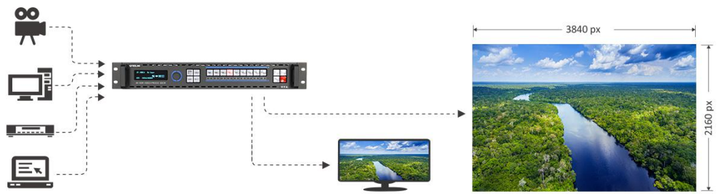
VF4 - 4K@60Hz Video Processor with HDR

4K HDR is an Advanced Image Processing Technology Than 4K.
With HDR Movies and VF4 Video Processor's Processing, the
Video will be More Brilliant.

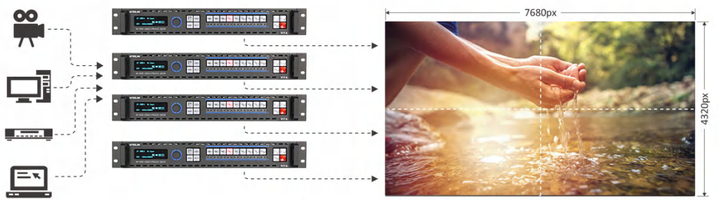
Key Features

- Cooperate with Mctrl 4K and A8S/A10S Control System to Realize HDR 10-Bits Display
- Realize HDR in Standard Display(HLG) with Ordinary Control System
- Realize 4K@60Hz Scale, Switch, PIP Function on HDR Display

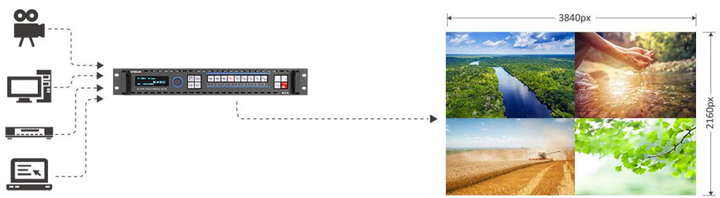
PRODUCT SOLUTIONS



PROJECT 1:
4K*1K Preview Seamless Switch



PROJECT 2:
8K*1K or 4K*2K Splicing



PROJECT 3:
Multi-Cascade and 8K*2K Split Application

Input

Connector	Quantity	Description
HDMI 1.4	2	Support max. 3840*2160@30Hz and downward compatibility Support customized input resolution
HDMI 2.0	2	Support max. 3840*2160@60Hz and downward compatibility Support customized input resolution Support HDR
Displayport 1.2	1	Support max. 3840*2160@60Hz and downward compatibility Support customized input resolution Support HDR
VGA	1	VGA-VESA Standard. Support max.1920x1200@60Hz.
RCA audio	2	Support External Audio (L x R)
Optional SDI SDI Loop	2	SD-SDI | HD-SDI | 3G-SDI Standard. Support Deinterlacing SDI Loop Consistent with SDI input.

Output

Connector	Quantity	Description
HDMI2.0 (main output)	1	Support 3840x2160@60Hz and Downward Compatibility Support HDR Configuration Support Color Adjustment
HDMI2.0 (preview/LOOP)	1	TBD
RCA audio	4	External or Embedded Audio Output

Operation

Connector	Quantity	Description
RJ11 / RS232	1	Offer Open Protocol. Support third party control
USB	1	Firmware update

LV1

4K@60HZ 4:4:4 10BIT PROCESSING
4K MULTI - VIEWER SEAMLESS SWITCHER

- Support DP1.2 / HDMI2.0 4K@60Hz Input
- Support HDMI2.0 4K@60Hz Output
- Support 4 Images Segmentation Function
- Support Remote Control & Software Control
- Support Embedded Audio Decoder
- Support Video and Audio Synchronization
- Support 420/422/444 Video Format
- Support Any 4k Preview Input
- Support API Control

• Flexible Remote Controller, Extendable Infrared Receiver

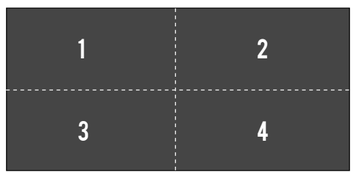
As a compact and handy remote controller and extendable Infrared receiver, it is easy to operate remotely and wire in engineering and installation making the control more flexible and user-friendly for end-users.

• Visualized Software & API Control

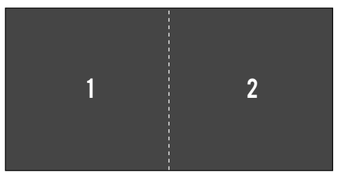
Visualized software supports instant switch between different display mode and channels. The API control is better for system integration.

- Multi- Image Segmentation

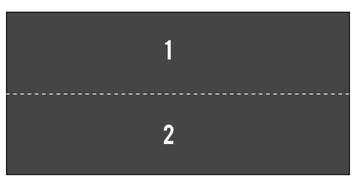
Featured 4 images segmentation as 4K multi-image display and fast layout are supported which realize any 4k input video with 4 images, 2 images and single image display.



4 images segmentation mode



Vertical 2 images segmentation mode



Horizontal 2 images segmentation mode

A single image mode

Input

Connector	Quantity	Description
HDMI 1.4	2	Support max. 3840*2160@30hz and downward compatibility Support customized input resolution
HDMI 2.0	2	Support max. 3840*2160@60hz and downward compatibility Support customized input resolution
DP 1.2	2	Support max. 3840*2160@60hz and downward compatibility Support customized input resolution
VGA	1	VGA-VESA Standard. Support max.1920x1200@60Hz
Audio	1	3.5mm Stereo input jack for external audio

Output

Connector	Quantity	Description
HDMI 2.0(Pro)	1	Support 3840x2160@60Hz and Downward Compatibility Support HDR Configuration Support Color Adjustment
HDMI 2.0(Pre)	1	TBD
Audio	1	3.5mm stereo audio output jack
Audio	1	TBD

VS2

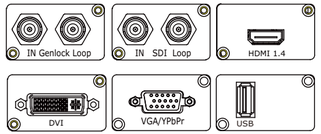
3 Windows Display Based On 8Kx1K Split
Flexible 4 Port Split with 4 Layers Configuration

- Seamless switching between any source
- Free customized among 2.3 million pixels
- PIP from any source in any position & size
- Support EDID Management

- Cascade Split
- Support Open API
- Two Sender Card Built-in
- Input Hot backup

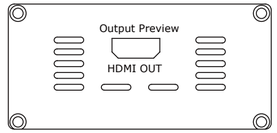
• Optional Module Slot

VS2 Supports any 4 optional modules,
Including Genlock, SDI,HDMI1.4, DVI, VGA/YPbPr, USB.



• 4K1K Output Preview

The Output preview module is used to preview the output signals, by mapping the 2 DVI outputs into one HDMI output port.



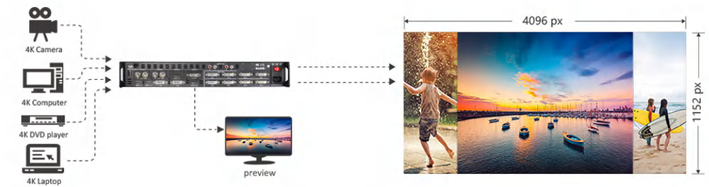
• 3D Display

VS2 supports left-right 3D split, and can realize one button switching between 2D and 3D display via Software.

• Windows Rotation

Each layer supports 90,180, 270 degree, mirror rotation to realize personalized display.

PRODUCT SOLUTIONS



PROJECT 1:

3 Windows Display Based on
4K x 1K Split

PROJECT 2:

Multiple-Window Preview
Seamless Switching on Single Port

PROJECT 3:

3 Windows Display Based on
8K x 1K Split

PROJECT 4:

Casecade For 8K x 2K Split

Input

Connector	Quantity	Description
HDMI 1.4	1	Support HDMI 1.4b / HDMI 1.3 / DVI 1.0, HDCP compatible Support 3840x2160@30fps in max
HDMI 1.3	1	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 SMPTE Standard. Support 480i | 576i | 720P | 1080i | 1080P
DVI	2	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
Optional Module	4	Support up to 4 optional input module HDMI 1.3 / HDMI 1.4 / DVI / SDI + SDI LOOP / VGA Genlock in + Genlock loop

Output

Connector	Quantity	Description
DVI + Backup	2	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
HDMI 1.3	1	Support HDMI1.3 / DVI 1.0 Support customized output resolution (Bandwidth optimization) Support 2 output channel preview
Audio	2	2 channel 2 x RCA (LR Stereo Audio) out

VIDEO WALL CONTROLLER

VD2 PLUS	33
VD4	39

VD2 PLUS

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

- Customize Output Resolution by Module
- EDID Management
- 3D Splicing and Switching
- Pixel-to-Pixel Splicing with Multi-channel 4K Input
- Visualization Software
- IPAD Control
- Projection Edge Blending
- Display up to 8 Layers by Single Port
- Up to 288 Inputs Load and 160 Outputs Splicing

• Customize Output Resolution by Module

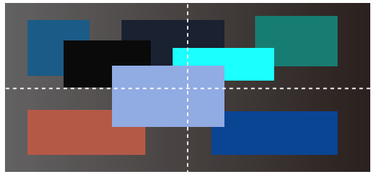
Each installed module can be independently configured for resolution within 3840 in horizontal and 2048 in vertical. One unit Support multiple Screen with different resolution.

• EDID Management

Customize input EDID: Support program PC to identify customized resolution, makes "Pixel to Pixel" much easier

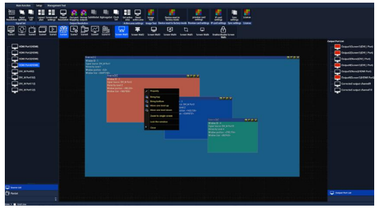
• Display up to 8 Layers by Single Port

One single port of the output module supports 8 images at the same time. Total 8 layers processing, support any overlaping at any position on the video wall.

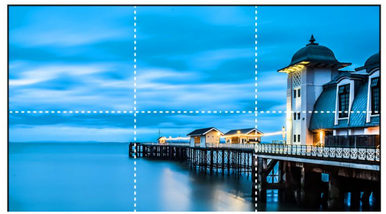


• Visualization Software

Input & Output API preview by software. Ideal for real-time editing.



PRODUCT SOLUTIONS



PROJECT 1:

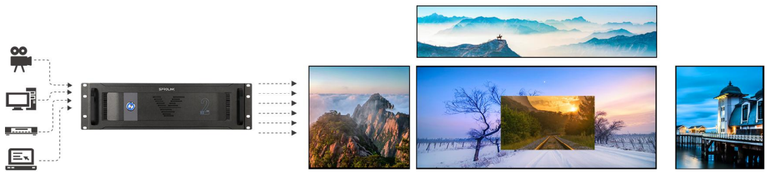
One input to multiple outputs in scaling mode

PROJECT 2:

Multiple inputs and outputs in pixel to pixel splicing mode

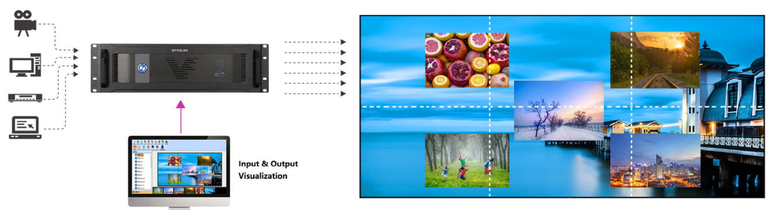
PROJECT 3:

4K Pixel-to-Pixel Splicing



PROJECT 4:

Customize Output Resolution by Module



PROJECT 5:

Visualization Software

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	4	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
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

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 HDMI 2.0 Output format 4096x2160@60hz in max Support 8 layers configuration.
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

Special Function Module	Description
Comm. Board	Support RS232 / RJ45 control Default IP: 192.168.1.200 RS232 out for external control
DVI Preset Module	Output card Preview Preview the content of 8 outputs in single port
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

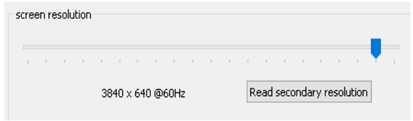
VD4

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

- Customize Output Resolution by Module
- EDID Management
- 3D Splicing and Switching
- Pixel-to-Pixel Splicing of Multi-channel 4K Input
- Visualization Software
- IPAD Control
- Projection Edge Blending
- Display up to 8 Layers by Single Port
- Up to 288 Inputs Load and 160 Outputs Splicing

• Customize Output Resolution by Module

Each installed module can be independently configured for resolution within 3840 in horizontal and 2048 in vertical. One unit Support multiple Screen with different resolution.

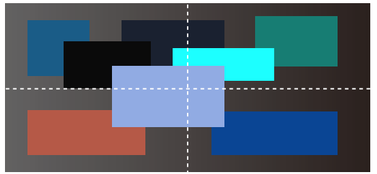


• EDID Management

Each compatible input from program PC can be individually configured for EDID and make pixcel output more easier.

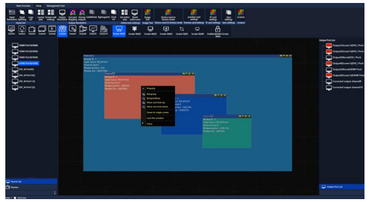
• Display up to 8 Layers by Single Port

One single port of the output module supports 8 images at the same time. Total 8 layers processing, support any overlaping at any position on the video wall.

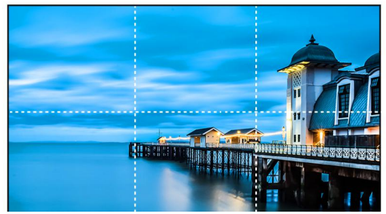


• Visualization Software

Input & Output API preview by software. Ideal for real-time editing.



PRODUCT SOLUTIONS



PROJECT 1:

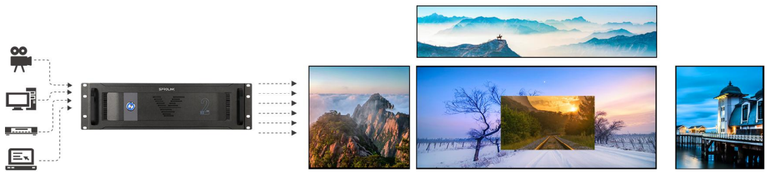
One input to multiple outputs in scaling mode

PROJECT 2:

Multiple inputs and outputs in pixel to pixel splicing mode

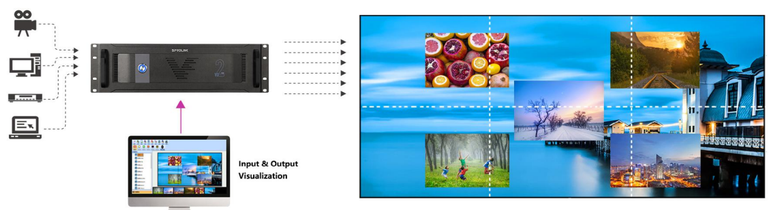
PROJECT 3:

4K Pixel-to-Pixel Splicing



PROJECT 4:

Customize Output Resolution by Module



PROJECT 5:

Visualization Software

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
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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

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 HDMI 2.0 Output format 4096x2160@60hz in max Support 8 layers configuration.
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

Special Function Module	Description
Comm. Board	Support RS232 / RJ45 control Default IP: 192.168.1.200 RS232 out for external control
DVI Preset Module	Output card Preview Preview the content of 8 outputs in single port
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

VIDEO SCALER

MP2	47
MP1	51
VC1	55
VA1	59
TV1	63

MP2

MIRROR DISPLAY FOR MORE PLATFORM
PLUG AND PLAY WIRELESS PRESENTATION
MULTI-SCREEN FOR MORE DEMONSTRATION

- Support 4 Channels Wireless Display
- Support Cross-platform Mirroring
- Plug and Play Wireless Presentation
- Support 2.5 Million Pixels Customized Resolution
- EDID Management
- Cascade Split with Multiple Device
- Support Two Sending Card Slots

• Up to 4 Channels wireless display

MP2 is a wireless display video processor. Support up to 4 channels wireless presentation, user can freely switching from single window, two windows, three windows, and four windows. Support multiple wireless senders online for multiple laptops. Ideal for conference room application.

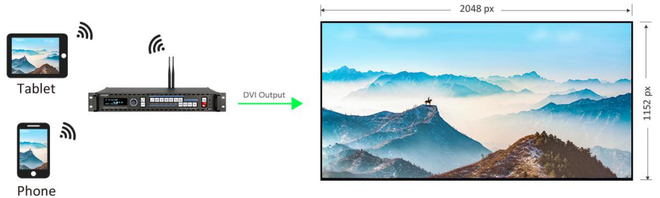
• 5GHz Transmission

Support 5GHz with 2.4GHz, compatible for low latency wireless transmission.

• Plug and Play Wireless Sender

Wireless sender support plug and play, no extra APP required, sharing your screen as simply as one click.

PRODUCT SOLUTIONS

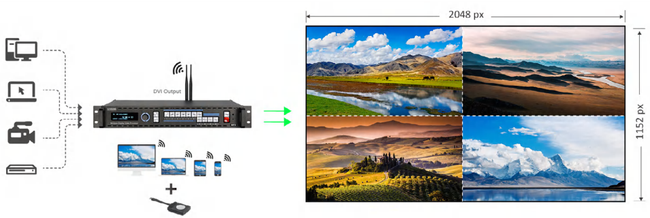


Application1:

Wireless Presentation for Android, iOS Platform, no APP Required

Application 2:

Plug and Play, Sharing the Screen as Simple as One Click.



Application 3:

Four Windows Simultaneous Display for External Signals and Wireless Mirroring.

Input

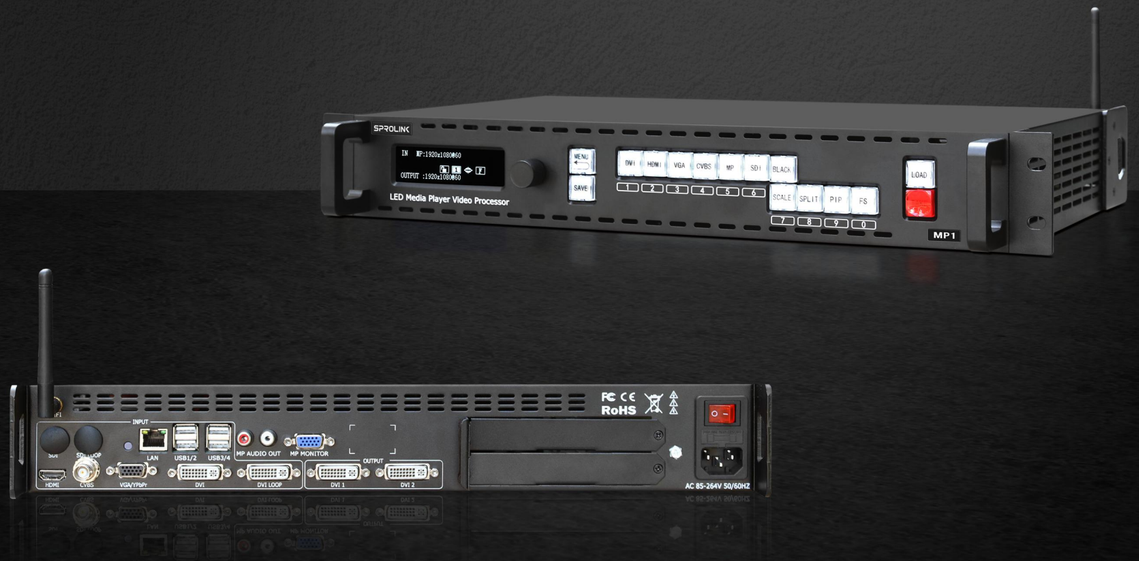
Connector	Quantity	Description
HDMI 1.3	1	Support HDMI 1.3 / DVI 1.0 input, HDCP compatible VESA Standard. Support max.1920x1200@60fps Support customized input resolution in EDID management Support Input Crop SMPTE Standard. Support 480i | 576i | 720P | 1080i | 1080P
DVI	1	Support HDMI 1.3 / DVI 1.0 input, HDCP compatible VESA Standard. Support max.1920x1200@60fps Support customized input resolution in EDID management Support Input Crop
VGA	1	VGA-VESA Standard Support max.1920x1200@60fps Support customized input resolution in EDID management Support Input Crop Support auto adjust
CVBS	1	SMPTE Standard. Support 480i | 576i Support Input Crop
WiFi	2	Support dual band in 2.4G and 5G band
Audio	1	2x RCA (LR Stereo Audio)
SDI+SDI LOOP	1	SD-SDI | HD-SDI | 3G-SDI Standard. Support deinterlacing Support Long-line automatic equalization(100m) Support Input Crop
Sender	N	wireless transfer the display of PC
Rj45	1	Connect with wireless router to enhance wireless signal
USB	1	Match the Wireless Sender

Output

Connector	Quantity	Description
DVI	1	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
HDMI 1.3	1	Wireless Receiver. Support up to 4 channels wireless display
Audio	2	3.5mm stereo audio output jack from wireless display 2x RCA (LR Stereo Audio) out

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

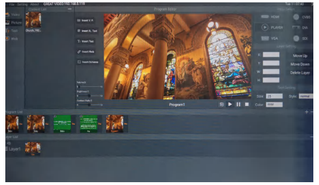
Upload Videos, images and rolling OSD via MP1 studio platform.
Support unlimited playing windows, ideal for advertising business.

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.

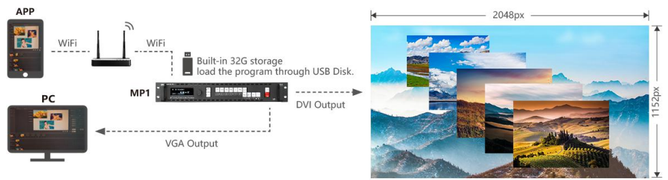
With embedded editor software, you can switch the signal source and do parameter setting for display directly.

• APP Remote Control with Display Schedule Management.

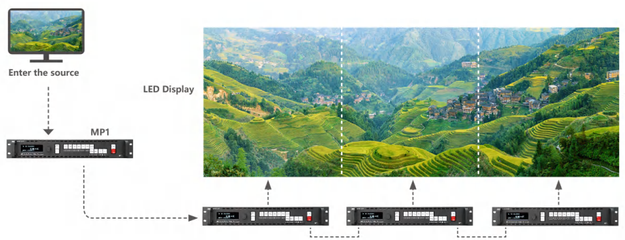


• New Experience with Studio Integration Processor.

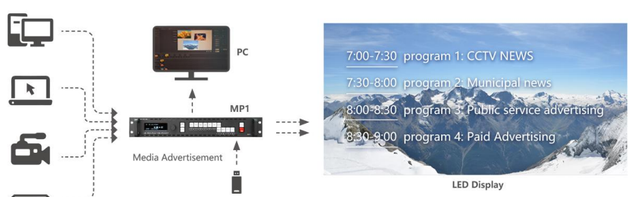
PRODUCT SOLUTIONS



Application1:
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

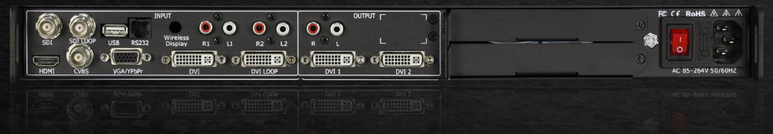
Connector	Quantity	Description
RJ45(port)	1	Connect with router for tablets control
WIFI(hotspot)	1	Create hotspot for tablets control

LED Control

Connector	Quantity	Description
Sending Card Slot	2	For sending card installation

VC1

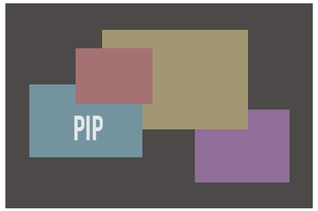
SEAMLESS PROFESSIONAL
SCALER AND SWITCHER



- Seamless Switching Between any Source
- Free Customized Among 2.5 Million Pixels
- PIP From any Source In any Position & Size
- Support EDID Management
- Cascade Split
- Support Open API
- Two Sender Card Built-in
- Input Hot Backup

Picture in Picture

Add a picture in picture (PIP) from any input source in any size and position.



EDID Management

Support EDID management, customize format of laptop, realize pixel-pixel effects.

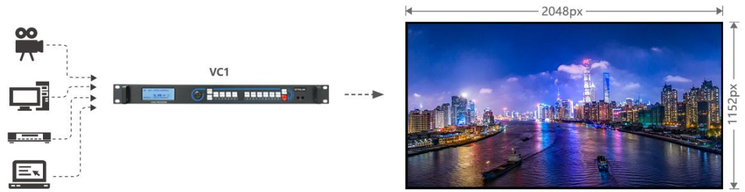
Wide range customized resolution

Free customized output among 2.5 million.
Widest being 3840px, Highest being 1920px.

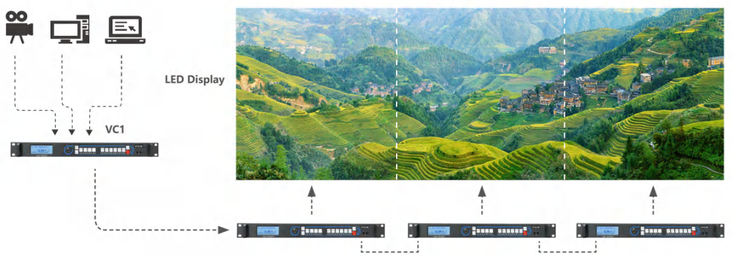
Easy Operation

Press numeric button, easy to set parameters for image.

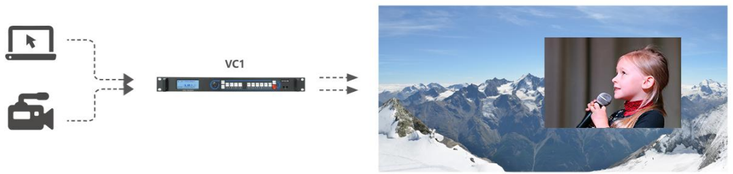
PRODUCT SOLUTIONS



Application1:
Customized Input & Output Resolution for Pixel by Pixel Display



Application 2:
Flexible Cascade Splicing



Application 3:
PIP from any Input Source

Input

Connector	Quantity	Description
HDMI 1.3	1	VESA Standard. Support max.1920x1200@60hz. Support customized input resolution. SMPTE Standard. Support 480i | 576i | 720P | 1080i | 1080P.
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
SDI SDI Loop	1	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

Operation

Connector	Quantity	Description
RJ11 / RS232	1	Offer Open Protocal. Support third party control

LED Control

Connector	Quantity	Description
Sending Card Slot	2	For sending card installation

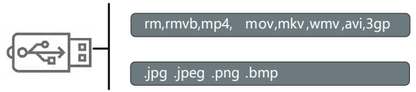
VA1

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.

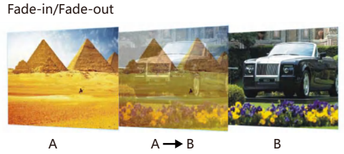


• Signal Hot Backup

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

• Seamless switching

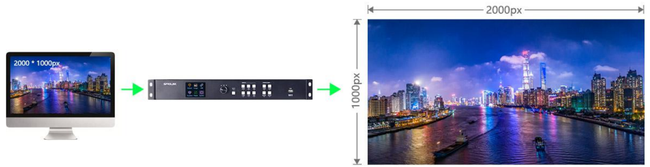
Seamless switching between any input channel.



• AV Sync Switching

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

PRODUCT SOLUTIONS



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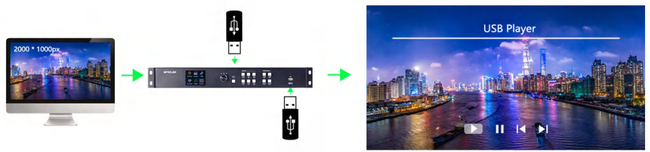


Application 2:
Play Video & Image Content Via USB with 6 Transition Feature

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

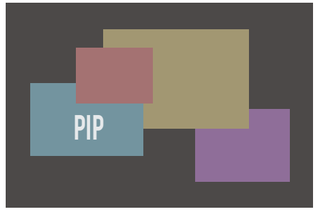
TV1

WIRELESS PROJECTION PROCESSOR
LED TV VIDEO PROCESSOR

- Sync switching between audio and video
- Support remote control
- PIP From any Source in Any Position & Size
- Wireless projection by mobile and desktop
- On board EDID management
- Seamless switching between any inpu
- Support two sending cards installation
- Input source backup
- Customized output resolution
- Built-in audio system

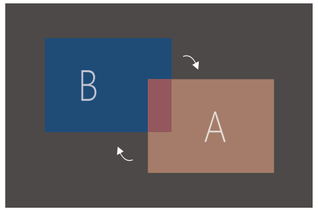
• Picture in Picture

Add a picture in picture (PIP) from any input source in any size and position.



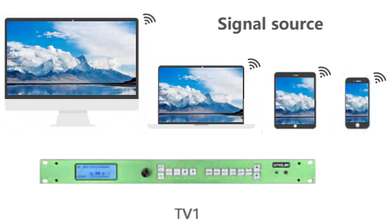
• Seamless switching

Press numeric button, easy to set parameters for image.

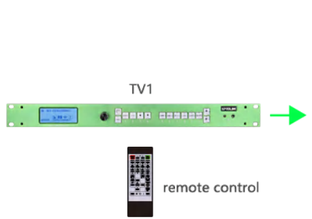


• LED TV remote control system

PRODUCT SOLUTIONS



Application1:
LED TV Remote Control System



Application2:
Conference Projection

Input

Connector	Quantity	Description
HDMI	1	VESA Standard. Support max.1920x1200@60hz. SMPTE Standard.
DVI	1	VESA Standard. Support max.1920x1200@60hz.
VGA	1	VGA-VESA Standard. Support max.1920x1200@60hz.
CVBS	2	SMPTE Standard.

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
VGA	1	Support VESA Standard

Operation

Connector	Quantity	Description
RS232	1	Offer Open Protocol. Support third party control

LED Control

Connector	Quantity	Description
Sending Card Slot	2	For sending card installation

WIRELESS PRESENTATION SYSTEM

T Series 65

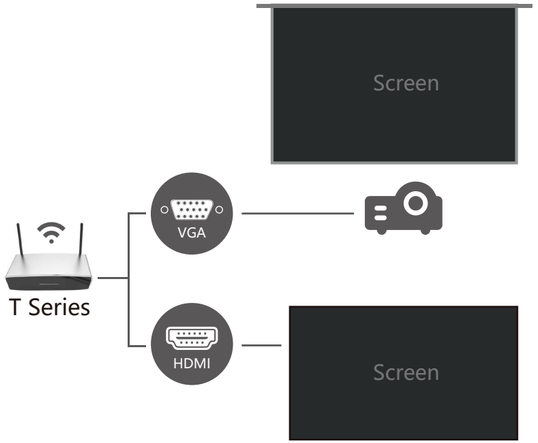
T SERIES

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.

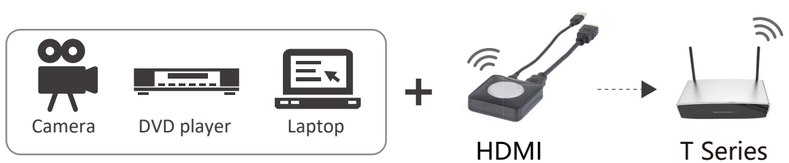
Wireless Content Sharing by APP

Wireless Content Sharing by GoShare



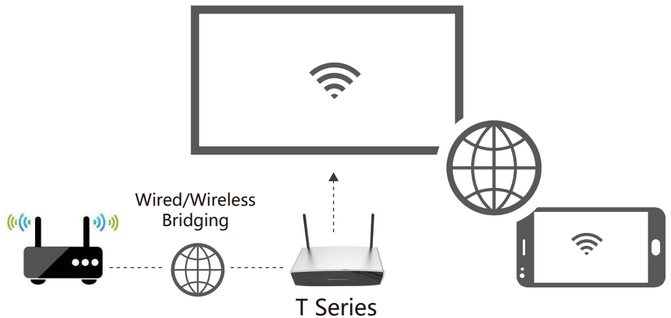
No Software Installation Compatible for all HDMI Media Source

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

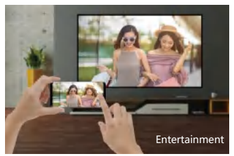
T Series support wired or wireless bridging with built-in network card. If you want to connect to Internet while casting mobile device, just build the network bridge with current network. Sharing your content without interrupting the Internet access.

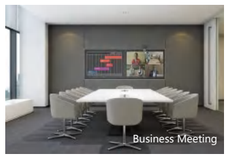


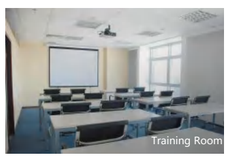
Multi-view for Multiple User

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.

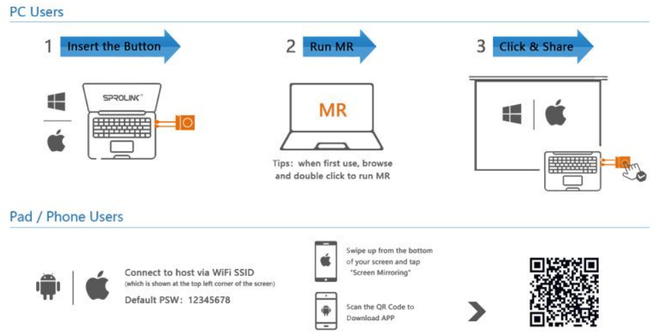
Application





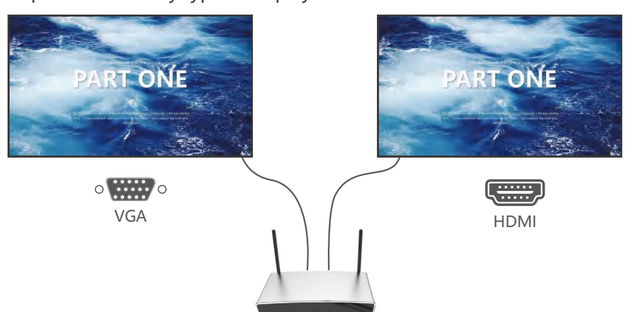


System Connection

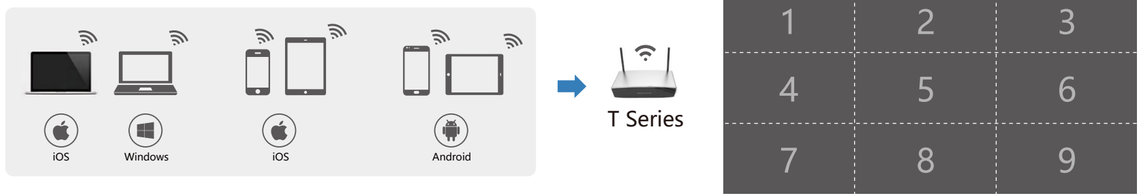


Dual Output Channel

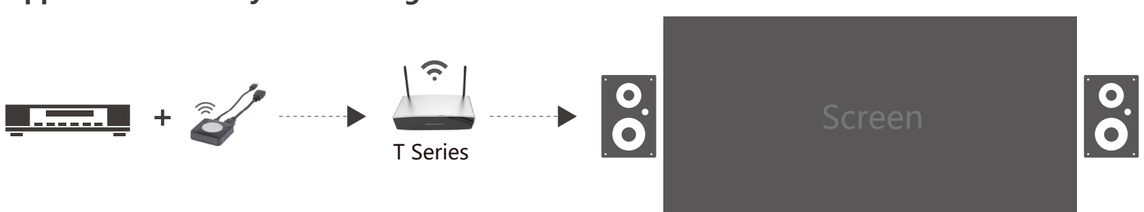
Support both HDMI and VGA output. Ideal for any type of display solution.



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 protocal	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	77
LK2	79
LK4	81
LK8-H	82
LK8-D	83
LK9	84

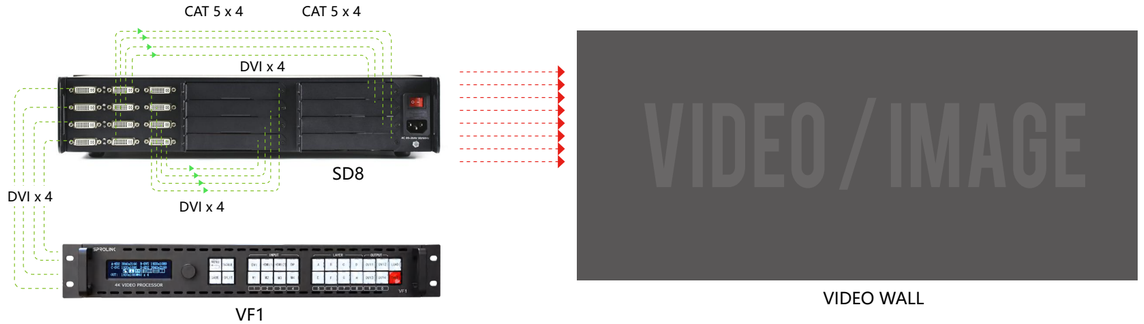
SD8 / SD6

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.



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℃ ~55℃（Typical 25℃）
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.

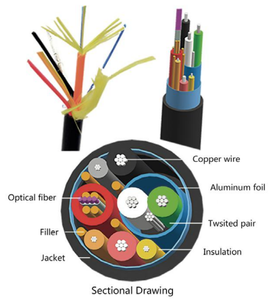
No signal delay and provides higher speed than copper HDMI Cable.

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)

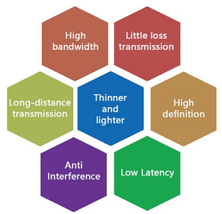
Gold Plated Connectors for anti-corrosion
Up to 300 Meters over High Speed Multimode Fiber (MMF)

Signal Extender



Sectional Drawing

PRODUCT STRUCTURE



ADVANTAGES

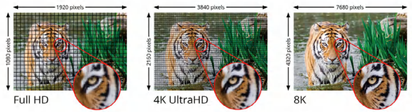
This HDMI 2.0 Active Optical Cable is Only One-directional, Not bi-directional.
Please ensure the "Source" and "Display" Connector will connect to the relevant device before wiring.

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.



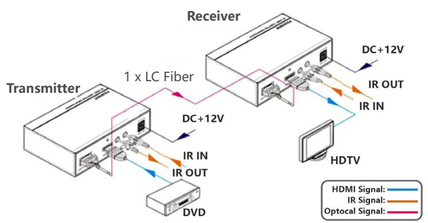
LK2 HDMI 2.0 18Gbps Fiber Extender

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-directioal IR and RS232
- 12V power supply with locker

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

APPLICATIONS



CONNECTION DIRGAM

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

SPROLINK®

CREATIVE VIDEO REVOLUTION

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