

# LED Video Processor Introduction

Shenzhen Amoonsky Technology Co., Ltd.  
**Product List**

LED Display Control Scheme  
Professional Integration Provider

[www.amoonsky.com](http://www.amoonsky.com)



## LED Video Processor

### □ MVP300 Series

- ◆ AMS-MVP300
- ◆ AMS-MVP300W
- ◆ AMS-MVP300S

### □ MVP500 Series

- ◆ AMS-MVP508
- ◆ AMS-MVP505U
- ◆ AMS-MVP505S

### □ MVP800 Series

- ◆ AMS-MVP800
- ◆ AMS-MVP800U
- ◆ AMS-MVP800S
- ◆ AMS-MVP800US

### □ LVP613 Series

- ◆ AMS-LVP613V
- ◆ AMS-LVP613U
- ◆ AMS-LVP613W
- ◆ AMS-LVP613S

### □ LVP815 Series

- ◆ AMS-LVP815
- ◆ AMS-LVP815U
- ◆ AMS-LVP815S
- ◆ AMS-LVP913US

### □ LVP915 Series

- ◆ AMS-LVP915
- ◆ AMS-LVP915U
- ◆ AMS-LVP915S

## LED Video Splicer

### □ SC358 Series

- ◆ AMS-SC358
- ◆ AMS-SC358S

### □ SC359 Series

- ◆ AMS-SC359
- ◆ AMS-SC359S

## Multi-Windows LED Video Splicer

### □SC169 Series

- ◆ AMS-SC369A
- ◆ AMS-SC369AS
- ◆ AMS-SC369B
- ◆ AMS-SC368BS

### □SC4K Series

- ◆ AMS-SC4K
- ◆ AMS-SC4KU
- ◆ AMS-SC4KS

### □SC16K Series

- ◆ AMS-SC16K
- ◆ AMS-SC16KU
- ◆ AMS-SC16KS

## LED External Sending Box

### □Single Series

- ◆ AMS-LCB300
- ◆ AMS-LCB300  
(Linsn)
- ◆ AMS-LCB300 (Nova)
- ◆ AMS-LCB300 (S2)
- ◆ AMS-TS852

### □Multiple Series

- ◆ AMS-LTB200
- ◆ AMS-LTB300
- ◆ AMS-LTB500
- ◆ AMS-LCT600
- ◆ AMS-LCT800

## LED Controller

### □LED Controller

- ◆ AMS-VS3

### □LED Card

- ◆ AMS-MST300
- ◆ AMS-M308
- ◆ AMS-M312
- ◆ AMS-M316
- ◆ AMS-MS080



## LED Fiber Optic Transceiver

### □External Power

- ◆ AMS-SC701
- ◆ AMS-MC701

### □Built-in Power

- ◆ AMS-SC801
- ◆ AMS-MC801

### □DVI Extender Series

- ◆ AMS-DTR4L
- ◆ AMS-DTR2L
- ◆ AMS-DTR1L

### □HDMI Extender Series

- ◆ AMS-HTR1S
- ◆ AMS-HTR2S

## HDMI Extender

### □HDMI Extender

- ◆ AMS-HE50S
- ◆ AMS-HE120
- ◆ AMS-HE150S
- ◆ AMS-HE200

### □VGA Extender

- ◆ AMS-VE300

## Signal Splitter

### □DVI Splitter

- ◆ AMS-D1S2
- ◆ AMS-D2S4

### □HDMI Splitter

- ◆ AMS-H1S4
- ◆ AMS-H1S8
- ◆ AMS-H1S2 (Mini)
- ◆ AMS-H1S4 (Mini)

### □VGA Splitter

- ◆ AMS-V1S2
- ◆ AMS-V1S4
- ◆ AMS-V1S8



# LED Integration Accessory Products

## □HDMI Switcher

- ◆ AMS-H3S1
- ◆ AMS-H5S1
- ◆ AMS-H3S1 (Mini)-S
- ◆ AMS-H3S1 (Mini)-C

## □Testing Card

- ◆ AMS-V3
- ◆ AMS-V5

## □Flight Case

- ◆ AMS-FC1U
- ◆ AMS-FC1.5U
- ◆ AMS-FC2U

## □KVM Switcher

- ◆ AMS-KVM-V2
- ◆ AMS-KVM-V4
- ◆ AMS-HVM-H2

## □USB Share Printer

- ◆ AMS-S2P1-S
- ◆ AMS-S2P1-J
- ◆ AMS-S4P1

## □Optic Fiber

- ◆ Single Mode  
4 core
- ◆ Multi Mode 4  
core

## □Quad Multi-viewer

- ◆ AMS-HQMV4

## □Signal Converter

- ◆ AMS-SCH1

## □HUB Board

- ◆ AMS-HUB08A
- ◆ AMS-HUB12
- ◆ AMS-HUB40
- ◆ AMS-HUB41
- ◆ AMS-HUB73
- ◆ AMS-HUB74
- ◆ AMS-HUB75
- ◆ AMS-HUB116
- ◆ AMS-HUB320



# Amoonsky Video Processor

## AMS-MVP300

- Support USB Player
- Seamlessly Switch Between Any Channel
- Audio Sync Output Function
- Signal Detection Function
- Maximum Output Resolution  
1920x1080@60Hz
- 10 Mode Saved And Recalled
- 5-channel Digital-analog Video Input  
(1 AV、1 DVI、1HDMI、1VGA、1USB)
- 2-channel DVI Video Output
- Knob Adjustment Settings
- Expanding Wireless Display
- Expanding SDI Input And SDI Loop



AMS-MVP300



AMS-MVP300W



AMS-MVP300S

# Amoonsky Video Processor

## AMS-MVP508

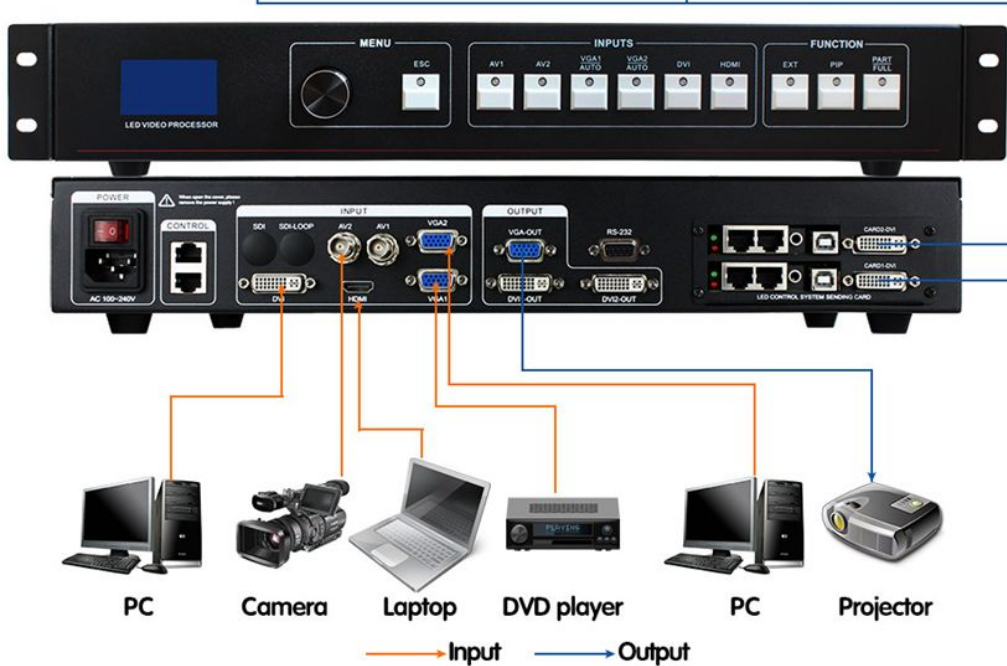
- Seamlessly Switch Between Any Channel
- Signal Detection Function
- Maximum Output Resolution  
2304x1152@60Hz、2560x816@60Hz
- 6-channel Digital-analog Video Input  
(2 AV、1 DVI、1HDMI、2VGA)
- 3-channel Digital-analog Video Output  
(2 DVI、1VGA)
- PIP、POP Function
- 16 Testing Patterns
- Support Oversized Splice 10x10
- Sending Card Slot Drawer Installation
- Knob Adjustment Settings



White Button



Orange Button



Sending card slot drawer installation  
 Can install 2 sending card, Such as  
 Linsn TS802D, Nova MSD300,  
 Colorlight S2, Dbstar HVT11IN ...;

Also can insert 1 pc **Nova MSD600**





# ► Amoonsky Video Processor

## □ AMS-MVP508 Series

### Standard Model



AMS-MVP508

Max support to 2304\*1152、2560\*816

### USB Video Processor



AMS-MVP505U

Max support to 1920\*1080

### SDI Video Processor



AMS-MVP505S

Max support to 1920\*1080

# Amoonsky Video Processor

## AMS-MVP800 Series

Only Sales For Agents

MVP800U have Audio Output



AMS-MVP800



Can Insert 1 PCS **Nova MSD600**



AMS-MVP800U



AMS-MVP800S

# ◆ Amoonsky Video Processor AMS-LVP613

The processor is synchronous switching for **audio and video**;

- Maximum output resolution 2304x1152@60Hz, 2560x816@60Hz
- 6-channel digital-analog video input 3 AV、1 DVI、1 HDMI、1 VGA .
- Output:2DVI 1VGA
- PIP function、P0P function
- one black screen and freeze key
- 16 test patterns
- Color Matting function
- Support installed 2 pieces sending cards Nova Msd300
- With Audio video input and output.(3 audio input and 1 output, HDMI&SDI automatic audio decoding)
- Preset save and recall, Press the "Mode" key(For example, sometimes customer use one window, sometimes use 2 windows, then we can use this function save and recall, only press one key can change the two showing effect. No need to set up the parameters again)
- Can extend to have sdi/ wifi/ usb (8G memory storage)

## Audio Input & Output



AMS-LVP613V



## video audio synchronous switch



U-disk offline play video  
Just insert u-disk create  
file Named "Superplayer"  
Can automatically play  
video without computer.



## USB Player



AMS-LVP613U

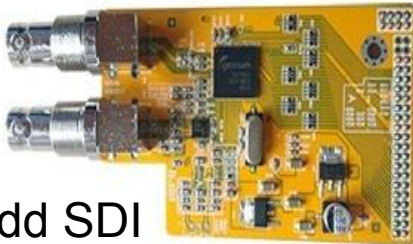
Ipad/ Iphone  
can control LED screen  
Synchronization smart dual-band  
2.4G+5G  
support 802 11AC protocol



## Mobile Control



AMS-LVP613W



expand to add SDI  
input for HD signal input, can  
connect HD camera to live show.



## SDI Input

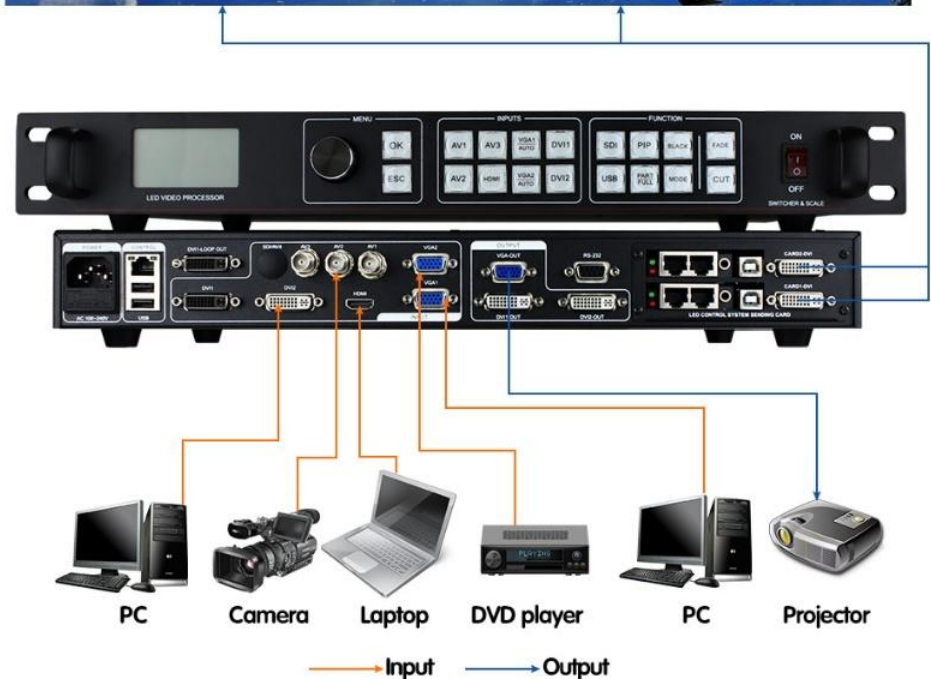


AMS-LVP613S

# Amoosky Video Processor

## AMS-LVP815

The model is the best-selling model for our targeted rental customer. Support customize the resolution of led screen and glass keys.



- Seamless switch between any channel
- Signal detection function
- PIP、POP function    Color Matting function
- 34 shows the effect of arbitrary switching
- Preset save and recall
- One key black screen and freeze
- 16 test patterns
- Knob adjustment settings
- Support Software Control Switching
- Support Signal Timly Switching
- Output: 2DVI、1VGA

# Color Matting Function

Support black red green blue whole colored background



# Signal Detection Function

Select input signal source ,  
When signal is normal the channel button light is on.

When there is no signal input ,the channel button light flashes



# Amoosky Video Processor

## AMS-LVP915

- Seamless Switch Between Any Channel
- Signal Detection Function
- Support Audio Output
- PIP、POP Function
- Color Matting Function
- Mode Save Snd Recall
- One Key Black Screen And Freeze
- Knob Adjustment Settings
- Support Software Control Switching
- Support Signal Timly Switching
- 34 Shows The Effect Of Arbitrary Switching
- Output: 2DVI、1VGA

**AMS-LVP915**  
**AMS-LVP915 U**  
**AMS-LVP915 S**

**Standard**  
**Expanding USB**  
**Expanding SDI Input**





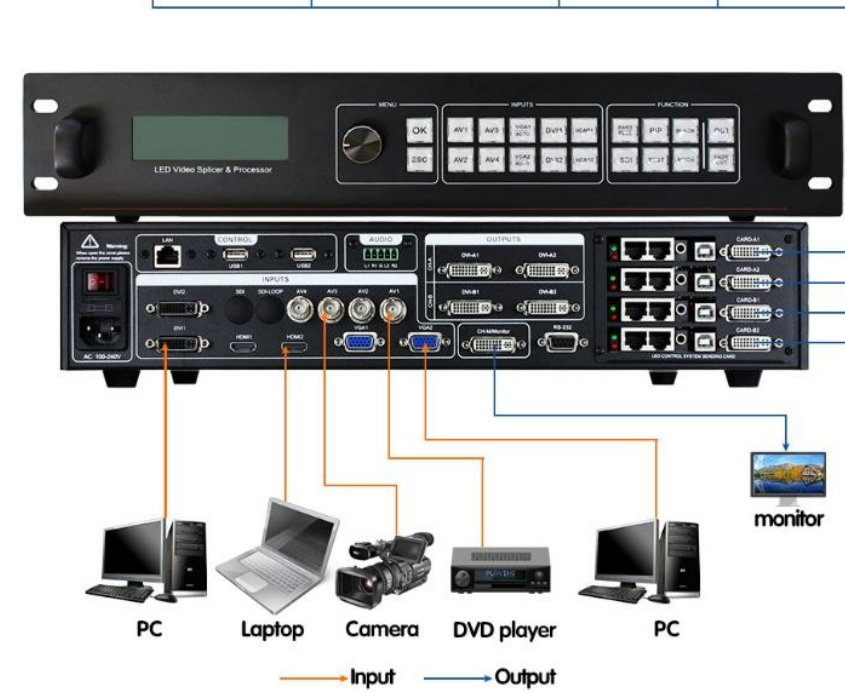
# Amoosky LED Video Splicer AMS-SC358

- Max output resolution: 7680 x 640 @60Hz、 4608 x 1152@60Hz、 3840 x 2160@30Hz
- Support 4 standard sending cards such as Nova Linsn Colorlight
- Input: 4 AV、 2 DVI、 2 HDMI、 2 VGA; SDI (Expand)
- Output: 5 DVI
- 5.3 million pixel custom resolution
- Seamlessly Switch、 Fade In Fade Out;
- Signal Detection Function;
- Pip、 Pop Function;
- Part And Full Screen Fast Switching;
- Sending Card Drawer Installation;
- Color Matting Function;
- Mode Save And Recall
- One Key Black Screen And Freeze;



- Support Output Monitor Function
- Dual View Roamed Across Channels
- Support Software Control Switching.

# LED Video Splicer



## Video processor Splicing



# Amoonsky LED Video Splicer

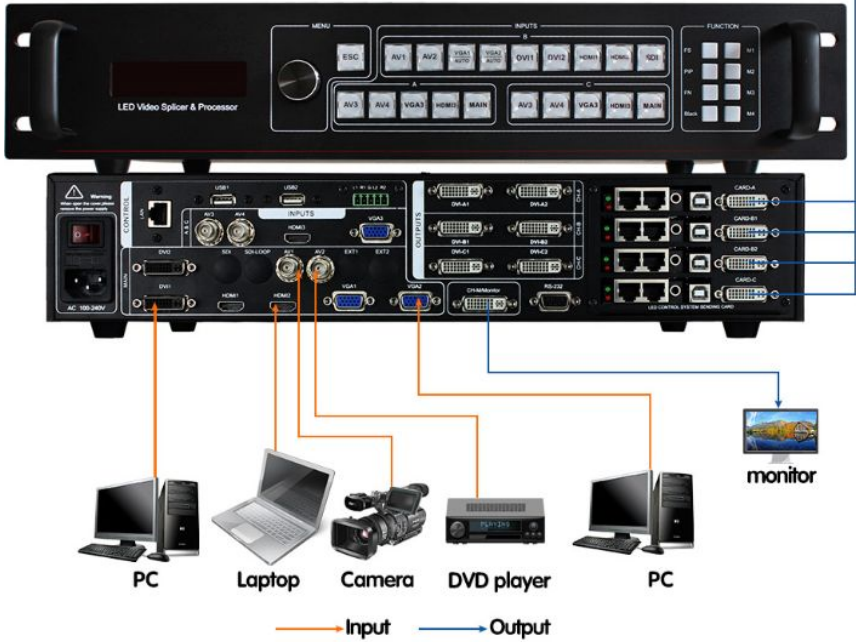
## AMS-SC359

It's three-windows Led Splicing Processor, Means 3 Independent Video Processor

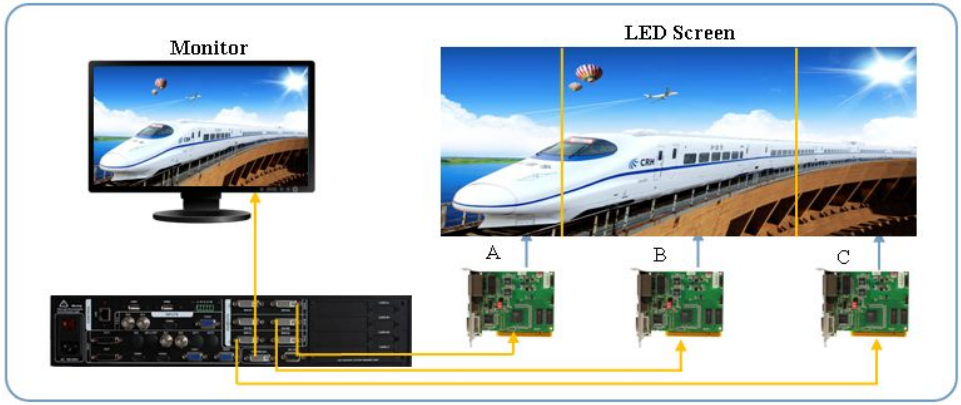
- Max output resolution: 11520 x 640 @60Hz、 6912 x 1152@60Hz、 3072 x 1920@60Hz
- Support 6 Sending Card, In Processor Insert 4 And Can Connect To External Sending Box
- 13 Channels digital-analog video input : 4 AV、 2DVI、 3 HDMI、 3 VGA ; 1SDI (Expand)
- Output : 7 DVI
- 3 channels splicing、 1 channel monitor
- 7.95 million pixel custom resolution
- Three view roamed across channels
- Can add SDI input optional
- Mode save and recall
- One key black screen and freeze
- Host computer control and timing switch function
- Support Output Monitor Function



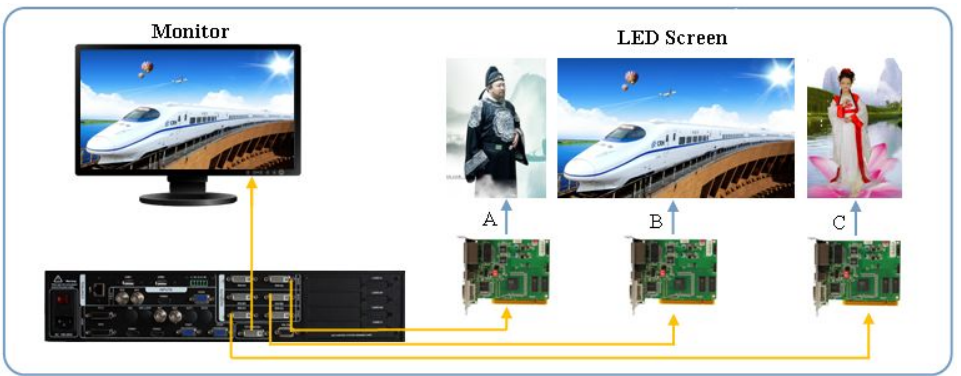
- Support Software Control Switching.
- Support Customize Resolution
- Support Splicing Guide



**Application 1 :** A、B、C output channels splicing Led screen, Channel M connect monitor.



**Application 1 : 2:** Drive three Led screen with different resolution, Channel M connect monitor .



# Amoosky Multi-Windows Video Splicer

## AMS-SC369

- Support Customize Resolution;
- Support 4 Windows Any Roaming;
- Support Led Display With Opening Logo;
- Seamlessly Switch , Fade In Fade Out;
- Support Software Control Switching;
- Support Any Splicing Mode And With Splicing Guide ;
- Support 10 Mode Preset Save And Recall, 8 Mode Can Be Saved And Recall Directly;
- Sending Card Drawer Installation; Support 8 Sending Card, In Processor Insert 4 And Can Connect To External Sending Box;
- Support resolution :10240\*960@60Hz , 9216\*1152@60Hz、 6144\*1536@60Hz、 4096\*2304@60Hz 、 3072\*3072@60Hz;

- Mirror Function;
- Signal Detection Function;
- Pip、Pop Funtion;
- Color Matting Function;
- One Key Black Screen And Freeze;
- Output:8 DVI;

**2 Group Input**

**4 Group Input**

□ SC369A Input :2AV, 2DVI, 2VGA, 2HDMI, SDI (Expand); SC369



AMS-SC369A



AMS-SC369B

# 4K LED Multi-Windows Video Splicer AMS-SC4K

- Support 3840\*2160@60Hz Input
- Support Four 4K\*2K Simultaneously Input
- 4 Windows Arbitrary Scaling And Roaming
- 10.5 Million Pixel Can Customize Resolution
- Customized Input EDID
- Image Rotation And Mirror Function
- Support Timing Switching And Lock
- 10 Mode Saved And 8 Hot Key Call
- Black And Freeze Function
- Support SDI Or USB Input (Optional)
- Synchronization Audio Decoding Output
- Support WIFI, RS232 Control

AMS-SC4K      Standard  
 AMS-SC4KS    Expanding SDI Input  
 AMS-SC4KU    Expanding USB Input



## ► Image Rotation And Mirror Function



Normal Input



90°



180°

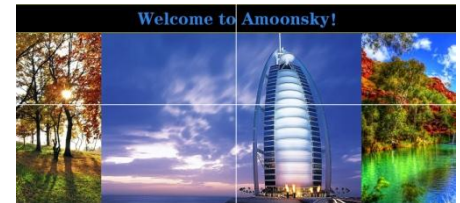
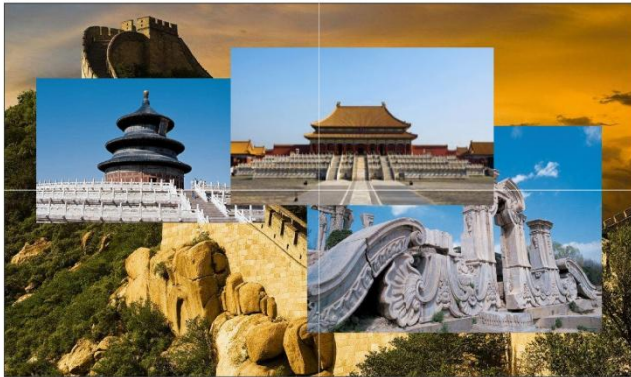


270°



Horizontal  
Mirror

## ► Windows Arbitrary Scaling And Roaming



# ▶ 16K LED Multi-Windows Video Wall Controller

## AMS-SC16K

- Support 3840\*2160@60Hz Input
- Support Four 4K\*2K Simultaneously Input
- 4 Windows Arbitrary Scaling And Roaming
- 21.2 Million Pixel Can Customize Resolution
- Customized Input EDID
- Image Rotation And Mirror Function
- Support Timing Switching And Lock
- 10 Mode Saved And Hot Key Call
- Black And Freeze Function
- Support SDI Or USB Input (Optional)
- Synchronization Audio Decoding Output
- Support WIFI, RS232 Control

AMS-SC16K      Standard  
 AMS-SC16KS    Expanding SDI Input  
 AMS-SC16KU    Expanding USB Input





# LED External Sending Box For LED Sending Card



TS852D (Linsn)  
For Linsn Sending Card Ts802d



AMS-LCB300 (Linsn)  
For Linsn Sending Card TS802D



AMS-LCB300 (S2)  
For Colorlight S2 Sending card



AMS-LCB300  
General Model



AMS-LCB300(NW)  
Support MSD300

# LED External Sending Box



**AMS-LCT600**  
Support 1Pcs MSD600



**AMS-LCT800**  
Support 2Pcs MSD600



**AMS-LCT660**  
Can Insert 6 Sending Card



**AMS-LTB200**  
Can Insert 4 Sending Card

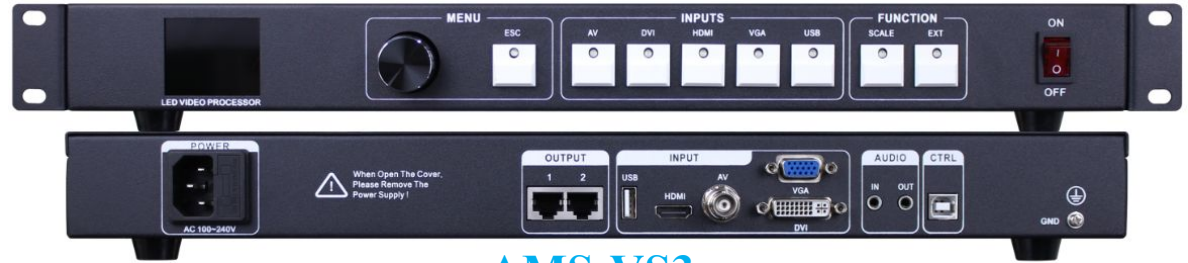


**AMS-LTB300**  
Can Insert 6 Sending Card



**AMS-LTB500**  
Can Insert 4 Sending Card  
With DVI Splitter 2\*4

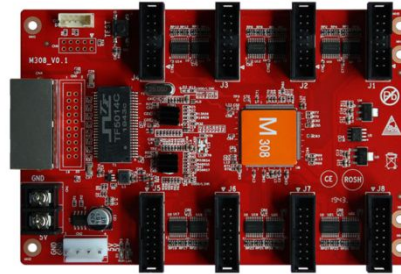
# LED Controller



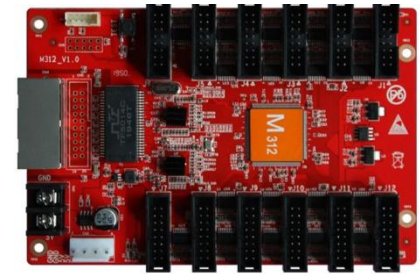
AMS-VS3



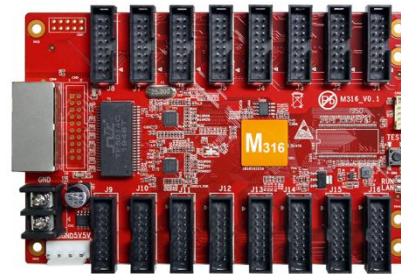
Sending Card  
AMS-MST300



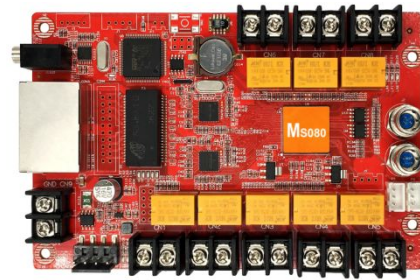
Receiver  
AMS-M308



Receiver  
AMS-M312



Receiver  
AMS-M316



Multi-function Card  
AMS-MS080

# LED Accessory

## Mini-DVI Extender



AMS-DTR4L



AMS-DTR2L



AMS-DTR1L

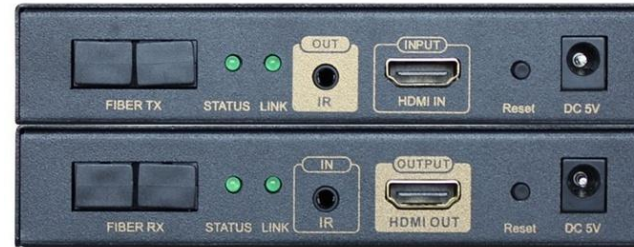


## HDMI Extender

Single mode



AMS-HTR1S



Multimode

AMS-HTR2S

# LED Fiber Optical Transceiver



AMS-SC701



AMS-SC801

# HDMI Extender



AMS-HE50S



AMS-HE120



AMS-HE150S

# Signal Splitter



AMS-H1S2(Mini)



AMS-H1S4(Mini)



AMS-D1S2



AMS-H1S4



AMS-V1S2



AMS-D2S4



AMS-H1S8



AMS-V1S4

# HDMI Switcher



AMS-H3S1(Mini)



AMS-H3S1



AMS-H5S1

## □ KVM Switcher



AMS-KVM-V2



AMS-KVM-V4



AMS-KVM-H2

## □ Quad Multi-viewer



AMS-HQMV4

## □ Signal Converter



AMS-SCH1

□ Testing Card



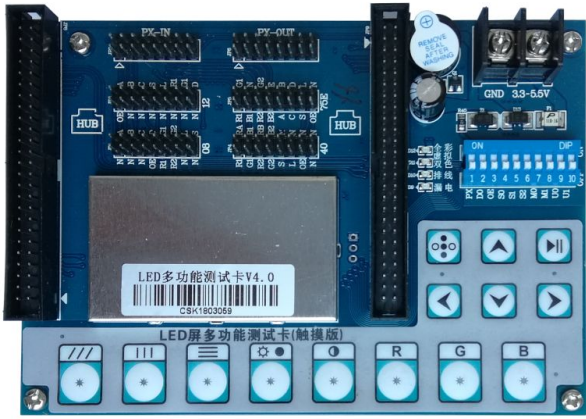
AMS-V3

□ USB Shared Printer



AMS-S4P1

□ Optic Fiber



AMS-V5



AMS-S2P1-J

□ Flight Case



AMS-S2P1-S



AMS-FC1.0/1.5U/2U



## ◆ LED Synchronous Sending Card



Linsn



Novastar



Colorlight



Dbstar



Mooncell



ZQ



LED Display Control Scheme  
Professional Integration Provider

[www.amoonsky.com](http://www.amoonsky.com)



# THANK YOU!

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