

AMS-VS1

5 Channel LED Video Controller

AMS-VS1	Standard
AMS-VS1R	Extended Remote Controller
AMS-VS1W	Extended Wireless Projection
AMS-VS1S	Extended SDI Input&Loop
AMS-VS1H	Extended HD Input
AMS-VS1N	Extended Web-version Upper PC

Integrated Amoonsky Sending Card

Flexible, Versatile LED Video Controller

Seamlessly Switch Any Channel

- ▶ Support USB Player
- ▶ Support Audio Sync Output
- ▶ Seamlessly Switch Any Channel
- ▶ Signal Detection Function
- ▶ Maximum Output Resolution:
1920*1080@60Hz
- ▶ 5-Channel Digital-Analog Video Input:
1 HDMI、1 DVI、1 VGA、1 AV、1 USB
(Optional: 1 WIFI、1 SDI、1 HD ...)
- ▶ 2*RJ45 Gigabit Ethernet Ports
- ▶ Quick Knob Adjustment Settings
- ▶ One Key Black Or Freeze
- ▶ Panel • Key Lock Function
- ▶ 10 Mode Save And Recall



Function Introduction

Multiple Video Input -- VS1 series uses 5 channels of video input, including 1 composite video AV (CVBS), 1 channel VGA, 1 channel DVI, 1 channel HDMI, 1 channel USB. Basically, the needs for civil and industrial use have been covered. Seamless switching of all video input.

Video Output Interface -- VS1 series has 2*RJ45 network port. The network port is the built-in amoonsky sending card output port, Support R7508 / R7512 / R7516 receiving card.

Seamless Switching Of Any Channel -- VS1 series Video Controller can also seamlessly switch between any channels, switch quickly.

Output Resolution -- VS1 series has designed a number of practical output resolutions for users. The widest is 1920 points, the highest is 1920 points. Applicable to a variety of dot matrix displays. Up to 10 output resolutions are available for user selection and can be adjusted point-to-point output.

Support Audio Sync Output -- VS1 series has 1 channel audio output, audio and video synchronized output.

One Key Black Or Freeze -- VS1 series has BLACK features, after setting, press the BLACK button directly to achieve black screen or screen freeze.

Key Lock Function -- VS1 series has key lock function, open Keypad lock, during use, can effectively prevent misuse and other situations, provides a favorable guarantee for the use of the process.

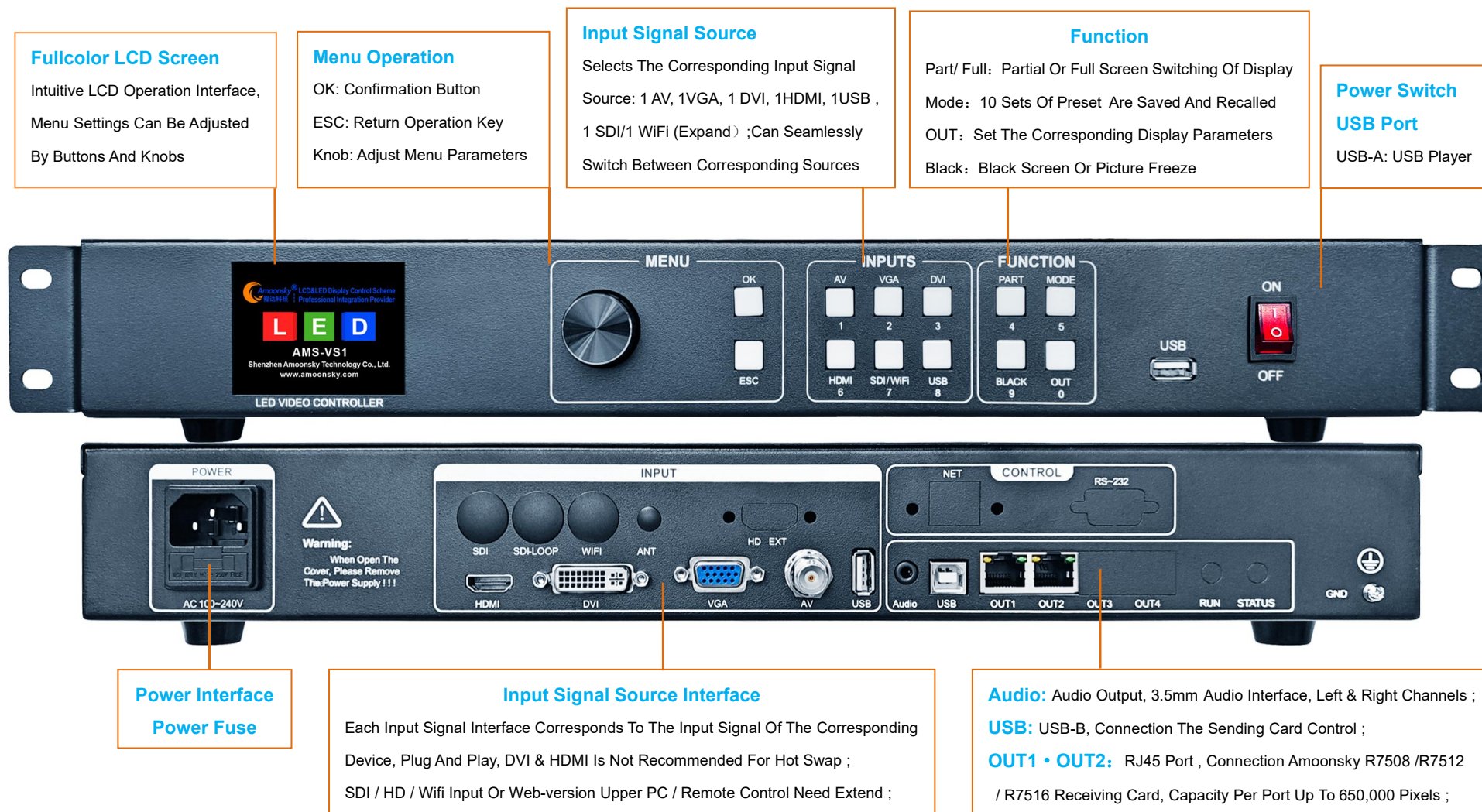
Mode Saved And Recalled -- VS1 series adopts 10 sets of user presets. Each set of user presets can store all user setting parameters, and can realize parameter backup and on-site calling functions <require to enter system menu enable>.

Unique Brightness Adjustment Technology -- VS1 series has a built-in unique brightness adjustment function, which solves the problem of loss of layering after reducing the brightness, making the color reproduction more realistic.

Real-time Storage Technology -- The ready-to-use technology solves the user's cumbersome setup and manual storage process, that is, the user does not need to perform manual save operation after adjusting or adjusting parameters. VS1 series automatically stores the user parameters in the EEPROM, even after the power is turned off, The previous parameters remain in the device.

ACC ACM Image Filtering -- VS1 series uses ACC and ACM image filtering engines. When processing each color, the nonlinear filtering effect minimizes image loss and restores color realism.

Panel Introduction



Specification

Video Input	
Quantity / Signal Type	1 Composite Video PAL、NTSC、PAL-M/N、SECAM 1 VGA Input VESA Standard, MAX 1920x1080@60Hz 1 DVI Input VESA Standard, MAX 1920x1080@60Hz 1 HDMI Input 480i/p、576i/p、720p、1080i/p, Color Depth 8、10、12 Bit 1 USB Support Picture & Video Player 1 WIFI(Optional) Standard 802.11n 1 SDI(Optional) 1080p 60/50/30/25/24/25(PsF)/24(PsF) 720p 60/50/25/24、1080i/1035i、625/525 line
Connector	1 BNC Socket Composite Video Input 1 15-pin HD Socket RGB Input 1 DVI-I Socket DVI Input 1 HDMI Socket HDMI Input 2 BNC Sockets (Optional) Composite Video Input 1 USB Socket USB input 1 USB-B socket Sending Card Parameter Sets
Resolution Range	640x480~1920x1080 480i/p、576i/p、720p、1080i/p Point-to-point SamplingBlanking
Video Processing	
Analog Sampling	12 Bit Per Color; 13.5 MHz Standard (Video) 170 MHz Standard (RGB)
Digital Pixel Data Bit Depth	8, 10 or 12 Bit Per Channel; 3GHz Standard (SDI)
Video Output	
Resolution After Image Resolution Conversion	1024×768@60Hz 1280×720@60Hz 1280×1024@60Hz 1600×1200@60Hz 1920×1080@60Hz 1920×1200@60Hz 1920×1280@60Hz
Network Port Output	
Signal Type/Quantity	2 x RJ45 Gigabit Ethernet ports Capacity per port up to 650,000 pixels Redundancy between Ethernet ports supported

Specification

General Specifications		
Power Supply	Internal 100~240VAC, 50~60Hz	
Temperature/Temperature	Storage: T: -40 ~ +70 °C / H: 10% ~ 90%, Non-condensing Working: T: 0 ~ +50 °C / H: 10% ~ 90%, Non-condensing	
Machine Size	485mm (length) x 330 mm (width) x 65mm (Height)	
Packing Size	535mm (length) x 435 mm (width) x 120mm (Height)	
Product Weight	5.0kg	
Package Weight	6.0kg	
MTBF	30,000 Hour	
Warranty	1 Year Note: All rated voltages are on average ± 10%	
Model	Description	P/N
AMS-VS1	Standard Model	PNVS26041
AMS-VS1R	Extended Remote Control	PNVS26041R
AMS-VS1W	Extended Wireless Projection	PNVS26041W
AMS-VS1S	Extended SDI Input&Loop	PNVS26041S
AMS-VS1H	Extended HDM IInput	PNVS26041H
AMS-VS1N	Extended Web-version Upper PC	PNVS26041N