AMS-VS200

5 Channel Video Controller

AMS-VS200   **Standard**
AMS-VS200R   **Expanding Remote Control**
AMS-VS200W   **Expanding WIFI Wireless Projection**
AMS-VS200S   **Expanding SDI Input/Output**

Integrated Sending Card (MSD300/TS802D)
Flexible, Versatile LED Video Controller
Seamlessly Switch Any Channel

► **Support USB Player**

► **Support Audio Sync Output**

► **Seamlessly Switch Any Channel**

► **Signal Detection Function**

► **Maximum Qutput 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-Channel Digital Video Output: 1 DVI**

► **Quick Knob Adjustment Settings**

► **Support SDI Input& SDI Loop**

► **One Key Black Or Freeze**

► **Key Lock Function**

► **10 Mode Saved And Recalled**

Function Introduction

Multiple Video Input -- VS200 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 -- VS200 series has 1 DVI video output,the port can videos programmed output to LED sending card or display. and has 2or 4 RJ45 network port.The network port is depends on the customer's choice built-in 1or 2pcs MSD300/TS802D standard sending card.

Seamless Switching Of Any Channel -- VS200 series Video Controller can also seamlessly switch between any channels, switch quickly.

Output Resolution -- VS200 series has designed a number of practical output resolutions for users. The widest is 1920 points, the highest is 1080 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 -- VS200 series has 1 channel audio output, audio and video synchronized output.

One Key Black Or Freeze -- VS200 series has BLACK features, after setting, press the BLACK button directly to achieve black screen or screen freeze.

Key Lock Function -- VS200 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.
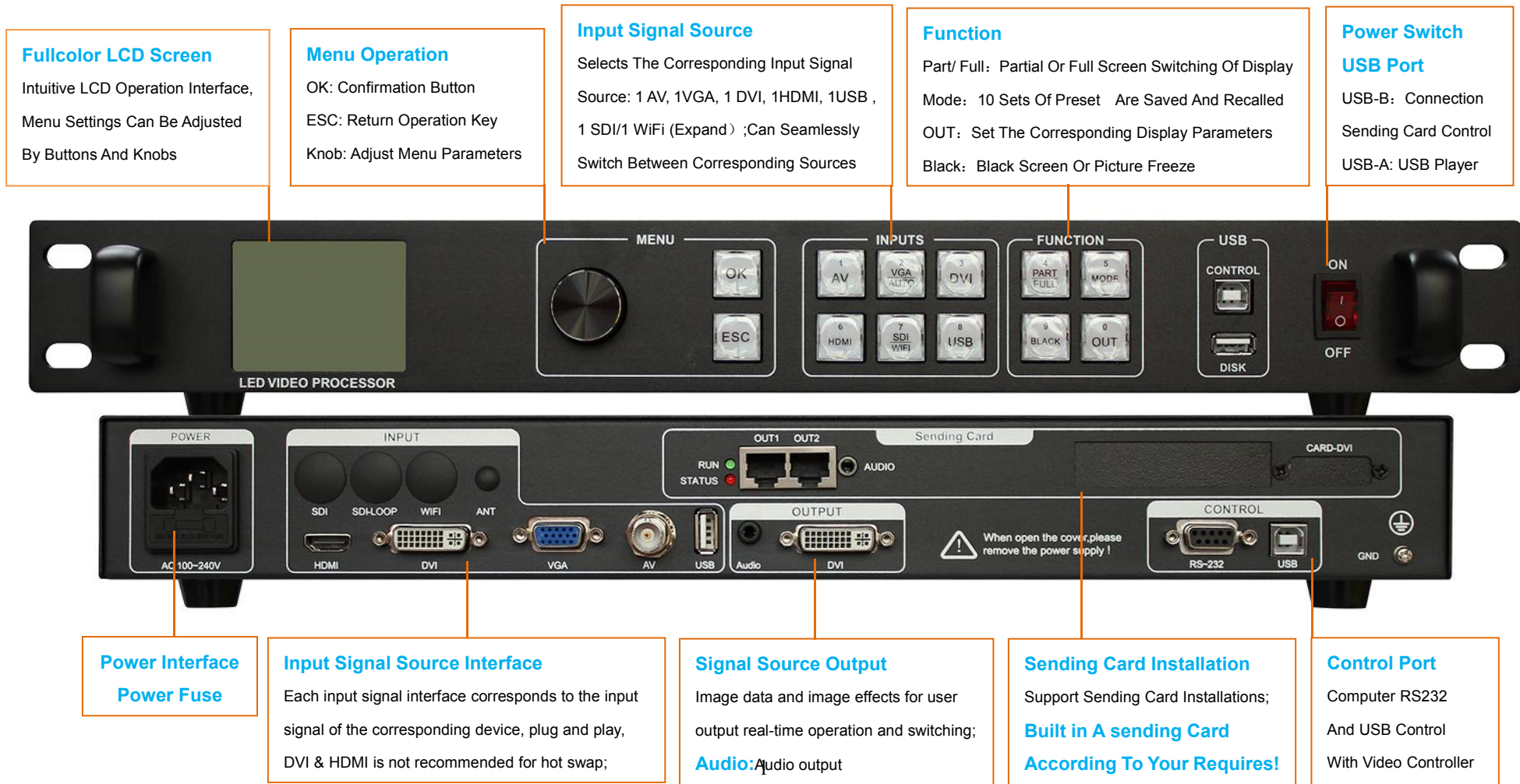
Mode Saved And Recalled -- VS200 series adopts 10 sets of user presets. Each set of user presets can store all user setting parameters, and can realize parameter backup and on-site calling functions <require to enter system menu enable>.

Unique Brightness Adjustment Technology -- VS200 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. VS200 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 -- VS200 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

Fullcolor LCD Screen
Intuitive LCD Operation Interface,
Menu Settings Can Be Adjusted
By Buttons And Knobs

Menu Operation
OK: Confirmation Button
ESC: Return Operation Key
Knob: Adjust Menu Parameters

Input Signal Source
Selects The Corresponding Input Signal
Source: 1 AV, 1VGA, 1 DVI, 1HDMI, 1USB ,
1 SDI/1 WiFi (Expand）;Can Seamlessly
Switch Between Corresponding Sources

Function
Part/ Full：Partial Or Full Screen Switching Of Display
Mode：10 Sets Of Preset　Are Saved And Recalled
OUT：Set The Corresponding Display Parameters
Black：Black Screen Or Picture Freeze

Power Switch
USB Port
USB-B：Connection
Sending Card Control
USB-A: USB Player

Power Interface
Power Fuse

Input Signal Source Interface
Each input signal interface corresponds to the input
signal of the corresponding device, plug and play,
DVI & HDMI is not recommended for hot swap;

Signal Source Output
Image data and image effects for user
output real-time operation and switching;
Audio: Audio output

Sending Card Installation
Support Sending Card Installations;
Built in A sending Card
According To Your Requires!

Control Port
Computer RS232
And USB Control
With Video Controller

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	
Quantity / Signal Type	1 DVI VESA
Connector	1 DVI-I(24+5) 1DVI Programming 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 / 4 x RJ45 Gigabit Ethernet ports
	                Capacity per port up to 650,000 pixels
	                Redundancy between Ethernet ports supported

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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 320 mm（width）x 69mm（Height）
Machine Size	485mm（length）x 320 mm（width）x 69mm（Height）
Packing Size	515mm（length）x375 mm（width）x 100mm（Height）
Product Weight	3.0kg
Package Weight	4.0kg
MTBF	30,000 Hour
Warranty	1 Year **Note:** All rated voltages are on average ±10%

Model	Description	P/N
AMS-VS200	Standard Model	PN202202002
AMS-VS200R	Remote Control	PN202202002R
AMS-VS200W	WIFI Wireless Display	PN202202002W
AMS-VS200S	SDI Output、LOOP	PN202202002S