

AMS-VS300

5 Channel LED Video Controller

AMS-VS300 Standard
 AMS-VS300W Extended Wireless Projection
 AMS-VS300S ExtendedSDI Input&Loop

Integrated Sending Card (Novastar • MSD600 /
 Linsn • TS902 / Huidu • T902)

Flexible, Versatile LED Video Controller
Seamlessly Switch Any Channel

- ▶ Support USB Player
- ▶ Support Audio Sync Output
- ▶ Seamlessly Switch Any Channel
- ▶ Signal Detection Function
- ▶ 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)
- ▶ 4*RJ45 Gigabit Ethernet Ports
- ▶ 1-Channel Digital Video Output: 1 DVI
- ▶ Quick Knob Adjustment Settings
- ▶ One Key Black Or Freeze
- ▶ 10 Mode Save And Recall



Function Introduction

Multiple Video Input -- VS300 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 -- VS300 series has 1 DVI video output, the port can videos programmed output to LED sending card or display. and has 4 RJ45 network port. The network port is the built-in the Sending Card (Novastar • MSD600 or Linsn • TS902 or Huidu • T902) output port.

Seamless Switching Of Any Channel -- VS300 series Video Controller can also seamlessly switch between any channels, switch quickly.

Output Resolution -- VS300 series has designed a number of practical output resolutions for users. The widest is 1920 points, the highest is 1280 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 -- VS300 series has 1 channel audio output, audio and video synchronized output.

One Key Black Or Freeze -- VS300 series has BLACK features, after setting, press the BLACK button directly to achieve black screen or screen freeze.

Key Lock Function -- VS300 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 -- VS300 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 -- VS300 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. VS300 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 -- VS300 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 LED 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 1 VGA Input 1 DVI Input 1 HDMI Input 1 USB 1 WIFI (Optional) 1 SDI (Optional)	PAL、NTSC、PAL-M/N、SECAM VESA Standard, MAX 1920x1080@60Hz VESA Standard, MAX 1920x1080@60Hz 480i/p、576i/p、720p、1080i/p, Color Depth 8、10、12 Bit Support Picture & Video Player Standard 802.11n 1080p 60/50/30/25/24/25(PsF)/24(PsF) 720p 60/50/25/24、1080i/1035i、625/525 line
Connector	1 BNC Socket 1 15-pin HD Socket 1 DVI-I Socket 1 HDMI Socket 2 BNC Sockets (Optional) 1 USB Socket 1 USB-B socket	Composite Video Input RGB Input DVI Input HDMI Input Composite Video Input USB input 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 1920x1280@60Hz	
Network Port Output		
Signal Type/Quantity	4 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 320 mm (Width) x 69mm (Height)
Packing Size	515mm (Length) x 375 mm (Width) x 100mm (Height)
Product Weight	4.0kg
Package Weight	5.0kg
MTBF	30,000 Hour
Warranty	1 Year Note: All rated voltages are on average ±10%
Model	Description
AMS-VS300	Standard Model
AMS-VS300W	Extended Wireless Projection
AMS-VS300S	Extended SDI Input&Loop
	P/N
	PN300202403
	PN300202403W
	PN300202403S