



VX5s

All-in-One Video Controller



Specifications

Overview

The VX5s is an all-in-one video controller that integrates sending card functions with video processing. Designed with powerful video processing capability, it supports 10 video inputs and 6 Gigabit Ethernet outputs.

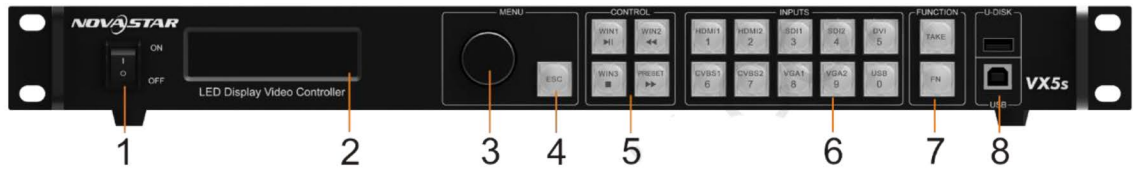
Based on the powerful FPGA processing platform, the VX5s supports multiple switching effects, such as quick seamless switching and fade, providing flexible screen control experience and outstanding video presentations.

Features

- Features 10 input connectors: 2 × 3G-SDI, 2 × HDMI1.3, 1 × DVI, 1 × USB playback, 2 × CVBS and 2 × VGA.
- Supports 3 × layers and 1 × OSD.
- Supports video controlling by using the mouse and monitor in the USB playback mode.
- Supports quick and advanced screen configurations.
- Switches the PVW to PGM by pressing only the **TAKE** button in the switcher mode.
- Supports PGM preview in the switcher mode.
- Supports adjustment of input resolutions and backup of input source.
- Supports brightness adjustment of the screen loaded by the VX5s.
- Multiple VX5s units can be cascaded.
- Automatically scales the image to fit the whole screen.
- The maximum video output width is 4096 pixels.
- A total of 16 user presets can be created and saved as templates. The templates can be used directly and conveniently.
- Any HDMI or DVI input source can be used as the synchronization signal to achieve vertical synchronization of output.
- Supports remote control through Wi-Fi AP and Wi-Fi, and supports projection of contents in the mobile phone to screen.
- Features an intuitive OLED screen and clear button indicator lights in the front panel, simplifying system control and operation.

Appearance and Specifications

Front Panel



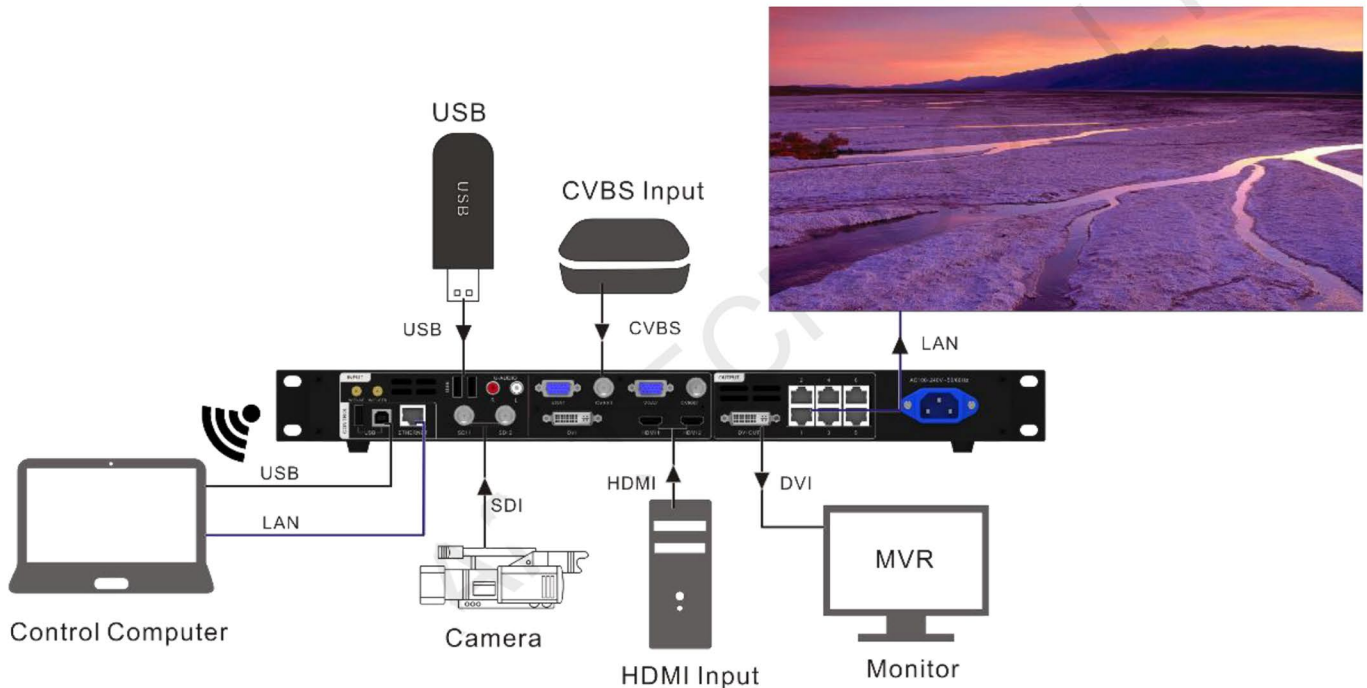
No.	Button	Function
1	ON/OFF	Switch of the device
2	OLED screen	Displays the current status and settings menu of the device.
3	Knob	<ul style="list-style-type: none"> On the home screen, pressing the knob enters the operation menu screen. On the operation menu screen, rotating the knob selects a menu item, and pressing the knob confirms the selection or enters the submenu. When a menu item with parameters is selected, you can rotate the knob to adjust the parameters. Please note that after adjustment, you need to press the knob again to confirm the adjustment.
4	ESC	A return key, used to exit the current menu or operation
5	Layer and preset buttons	<p>Pressing a button enters the corresponding layer property menu.</p> <ul style="list-style-type: none"> When a button indicator is on, the layer is open. When a button indicator is off, the layer is closed. When a button indicator is flashing, the layer is being edited. When a layer is open, holding down the layer button can close the layer. In the USB playback mode, you can play, pause, fast forward, rewind or stop current playback. Pressing the PRESET button enters the user preset menu.
6	Input source buttons	<p>Indicates the status of the input source.</p> <ul style="list-style-type: none"> When a button indicator is always on, the input source is accessed and in use. When a button indicator is flashing, no input source is available, but relevant parameters are being set in advance. When a button indicator is off, no input source is accessed or the input source is not in use.
7	Function buttons	<ul style="list-style-type: none"> TAKE: In the switcher mode, pressing the TAKE button can switch the PVW to PGM seamlessly with the switching effects set previously. FN: A custom menu button
8	USB	<ul style="list-style-type: none"> USB (Type-B): Connects to the upper computer. USB (Type-A): A reserved port

Rear Panel



Inputs		
Connector	Quantity	Description
3G-SDI	2	Supports input resolutions up to 1920×1080@60Hz and downward compatibility.
USB	2	<ul style="list-style-type: none"> Connects to a USB flash drive to play video or picture files stored in the drive. Connects to a mouse.
U-AUDIO	2	Connects to an external loudspeaker.
VGA	2	Complies with the VESA standard. Supports input resolutions up to 1920×1200@60Hz and downward compatibility.
CVBS	2	Input of PAL/NTSC standard video
DVI	1	Complies with the VESA standard. Supports input resolutions up to 1920×1200@60Hz and downward compatibility. Supports HDCP.
HDMI	2	Supports input resolutions up to 1920×1200@60Hz and downward compatibility. Supports HDCP.
Outputs		
Connector	Quantity	Description
Ethernet port	6	Six Ethernet outputs
DVI	1	<ul style="list-style-type: none"> A preview connector, which can be set to preview PGM In the USB playback mode, this connector can be connected to a monitor for human-machine interaction display.
Control		
Connector	Quantity	Description
ETHERNET	1	Connects to the PC for communication, or to the network.
USB (Type-B)	1	<ul style="list-style-type: none"> Connects to the PC for device control. Used as the input for cascading devices
USB (Type-A)	1	Used as the output for cascading devices

WiFi-AP	1	Short for "access point", which provides wireless network access.
WiFi-STA	1	Provides wireless network access, enabling the device to connect to the network in the Wi-Fi mode.
Overall Specifications		
Connector	Quantity	Description
Power	1	AC 100 V–240 V 50/60 Hz
Power consumption		30 W
Operating temperature		-20°C–60°C
Dimensions		483.60 mm × 273.30 mm × 45.00 mm
Weight		2.80 kg



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Key Features:

- 2 × 3G-SDI inputs
- 2 × HDMI1.3 input
- 1 × DVI input
- 1 × USB playback input
- 2 × CVBS inputs

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