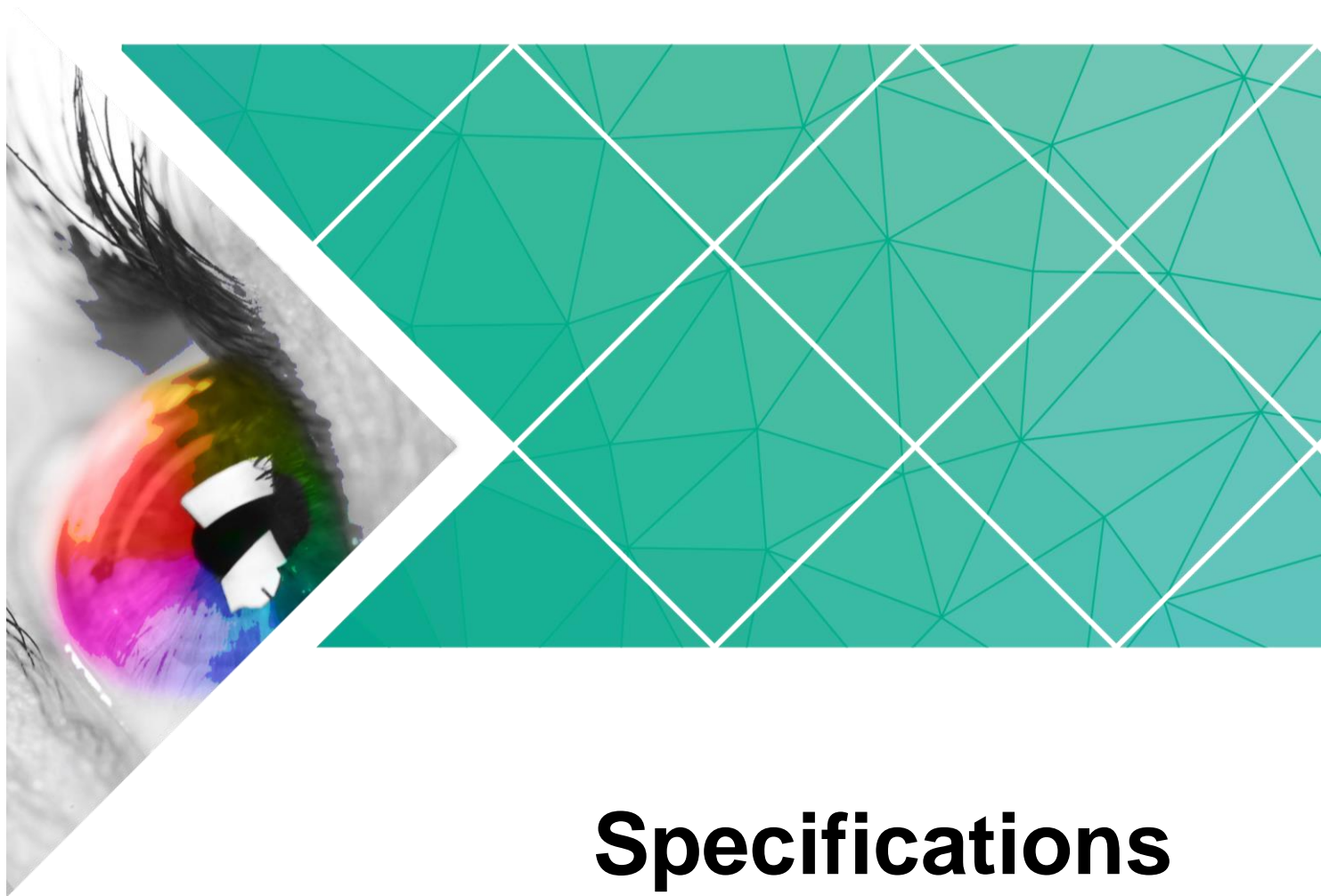


VX6s

All-in-One Video Controller



Specifications

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1 Overview

The VX6s 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.

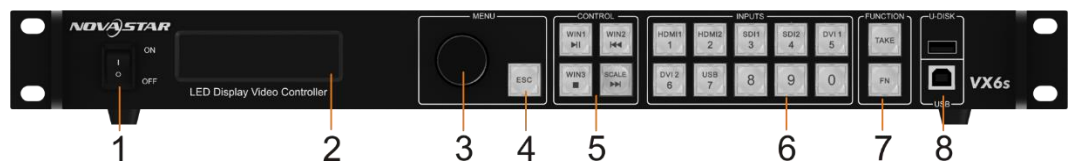
Based on the powerful FPGA processing platform, the VX6s supports multiple transition effects, such as quick seamless switching and fade, providing flexible display controlling and outstanding video presentations.

2 Features

- Features 7 input connectors: 2 × 3G-SDI, 2 × HDMI 1.3, 2 × DVI and 1 × USB playback.
- Supports 3 × window and 1 × OSD.
- Supports quick and advanced screen configurations.
- Switches the PVW to PGM by pressing only the TAKE button in the switcher mode.
- Supports adjustment of input resolutions.
- Supports device redundancy settings.
- The maximum loading capacity of video output is 3.9 million pixels.
- Supports brightness adjustment of the screen loaded by the VX6s.
- Multiple VX6s units can be cascaded.
- Supports auto fit function of windows.
- 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.
- Features an intuitive OLED screen and clear button indicator prompt in the front panel, simplifying system control and operation.

3 Appearance

Front Panel



No.	Button	Function
1	ON/OFF button	Power button
2	OLED screen	Displays the current status and setting 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 button	Pressing the button exits the current menu or operation.
5	Window and preset buttons	<p>Pressing a button enters the corresponding window property menu.</p> <p>Statuses of button indicators:</p> <ul style="list-style-type: none">On: The window is open.Off: The window is closed.Flashing: The window is being edited. <p>When a window is open, holding down the window button can close the window.</p>

		<ul style="list-style-type: none"> In the USB playback mode, you can play, pause, fast forward, rewind or stop current playback. SCALE: This is a shortcut button for auto fit function. You can press this button to make the window of the lowest priority fit the screen.
6	Input source buttons	<p>Indicates the status of the input source.</p> <p>Statuses of button indicators:</p> <ul style="list-style-type: none"> Always on: The signal source is accessed and in use. Off: No input source is accessed or the input source is not in use. Flashing: The signal source is accessed but no source is available.
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 transition effect 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

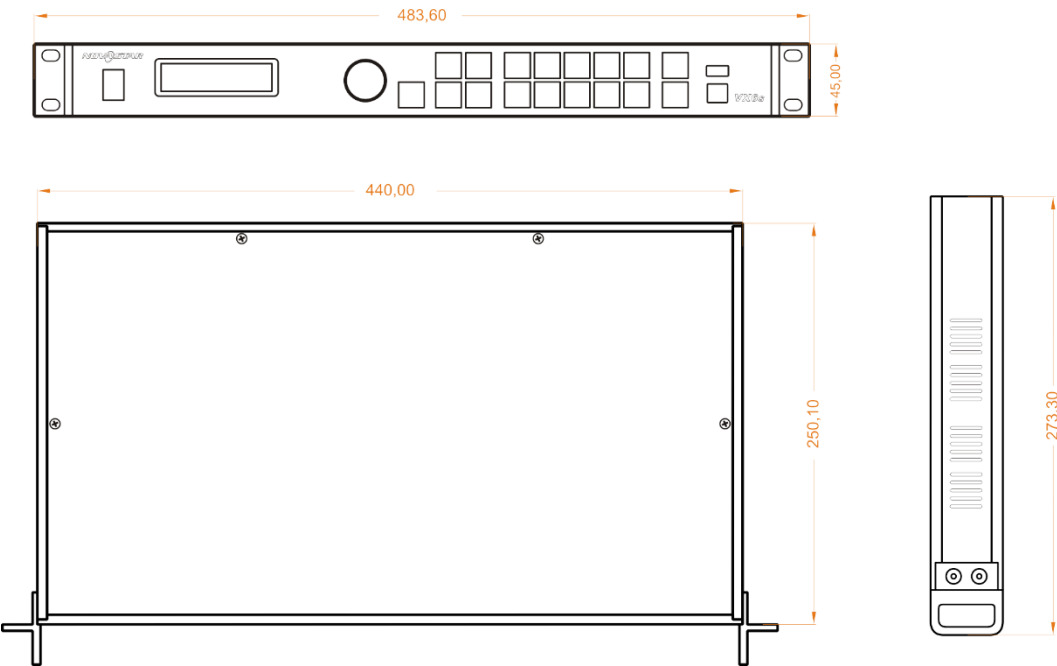
Rear Panel



Input		
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.
DVI	2	<p>VESA standard</p> <p>Supports input resolutions up to 1920×1200@60Hz and downward compatibility.</p> <p>Supports HDCP.</p>
DVI LOOP	1	DVI loop output connector
HDMI	2	<p>Supports input resolutions up to 1920×1200@60Hz and downward compatibility.</p> <p>Supports HDCP.</p>
Output		
Connector	Quantity	Description

Ethernet	6	6 Ethernet outputs
DVI	1	A monitoring connector, which can be set to preview the editing image or monitor the PGM
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 connector for cascading devices
USB (Type-A)	1	Used as the output connector for cascading devices
Overall Specifications		
Connector	Quantity	Description
Power connector	1	AC 100 V–240V 50/60 Hz
Power consumption		
Operating temperature		-20°C–60°C
Dimensions		1U standard chassis
Weight		

4 Dimensions



Unit: mm

5 Applications

