

TS1516 Multimedia Server

specification

Update log

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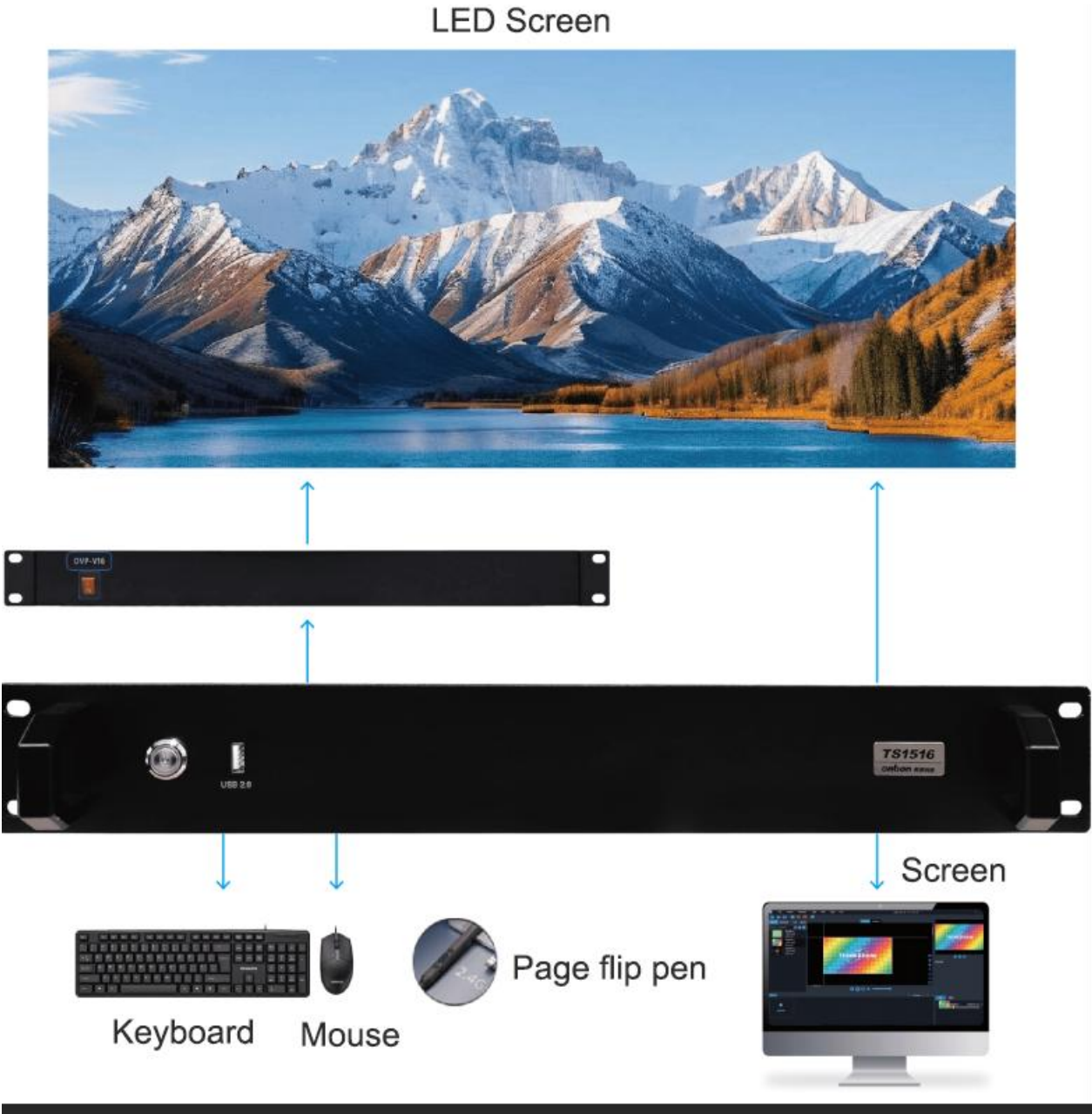
Product overview

The TS1516 is a premium multimedia server featuring a 16-port LED transmission card integrated with ThinkShow media control software, delivering robust broadcasting capabilities. Its excellent scalability and high operational stability make it ideal for performing arts, exhibitions, creative displays, and multimedia presentations. From visual creativity to end-to-end management, this system comprehensively addresses complex multimedia control requirements, serving as the core technological backbone for live performances, exhibitions, and display applications. With industrial-grade hardware design and redundant architecture, it ensures 24/7 uninterrupted operation, effectively resisting signal interference and load fluctuations in challenging environments to guarantee seamless performance in critical scenarios.

Functional characteristics

- The device supports 1 nos 4K@60Hz output channel with load capacity, 16 LED network ports, and simultaneous video decoding and pixel-to-pixel display.
- Supports decoding 2-nos 4K@60fps video.
- Supports both pre-edit and real-time editing modes.
- Visualize program scheduling and management.
- Media supports video, images, PPT, and audio.
- Supports batch import of media files and folders.
- Supports subtitles.
- Supports configuring playback material collections.
- Supports PPT control via a page-turning pen.
- Supports playback progress management.
- Supports program jump playback settings.
- Supports adjusting media width, height, and hierarchy.
- Support transition effects.
- Support one-click screen blackout.

Application scenarios



Product Parameter

Appearance Description



Front panel		
number	function	explain
1	mains switch	Switchgear power supply
2	USB	1 USB2.0 port for external devices such as keyboards, mice, and USB drives



Back panel		
number	function	explain
1	Power interface	100~240V 47-63Hz, 3.5A
2	Network output port	16-channel LED network port output
3	USB	2xUSB3.0
4	DP1.2	1xDP1.2 port, supports 4096×2160 resolution at 60Hz
5	PC/MONITOR	Connects to the monitor to display the system interface
6	RS232	control interface
7	LAN	RJ45 network port
8	USB	2xUSB 2.0
9	Audio interface	① Audio output ② Microphone input

Specifications

model	TS1516
processor	AMD 6-core 12-thread
System memory	16GB DDR4 RAM
caliche	M.2 NVMe 256G SSD
Video output interface	1xDP1.2; 16-channel LED network port output
Maximum single-channel output	4096×2160@60Hz
Maximum output of the whole machine	8192*2160@60Hz
audio frequency	Audio output and microphone input
network	1GbE×1
Broadcast Control Software	ThinkShow
radiator	Silent fan
chassis	1.5U
working temperature	-10~55℃
Working humidity	5%-95%(non-condensing)
input voltage	100~240V AC, 47-63Hz, 3.5A

Media Parameters

type	form
video frequency	mp4、avi、mkv、flv、mov、wmv、mpefg
picture	Jpg、jpeg、bmp、png、gif、tif
Office	ppt、pptx、doc、docx、xls、xlsx、xla、xlt、xll、wks、et、dps、pdf

System backup

1. Enable backup:

Before turning on the device, repeatedly press Alt+F3 to enter the backup interface and start automatic backup.

2. Enable restore:

Before turning on the device, repeatedly press Alt+F4 to enter the recovery interface and start automatic recovery. Before turning on the device, repeatedly press Alt+F4 to enter the recovery interface and start automatic recovery.

Dimensional drawing

Unit: mm, tolerance: $\pm 0.1\text{mm}$

