



TS1010 Multimedia Server Specification

Update log

| Document Version | release time | explain |
|------------------|--------------|-----------------|
| V1.0 | 2025-9-23 | editio princeps |
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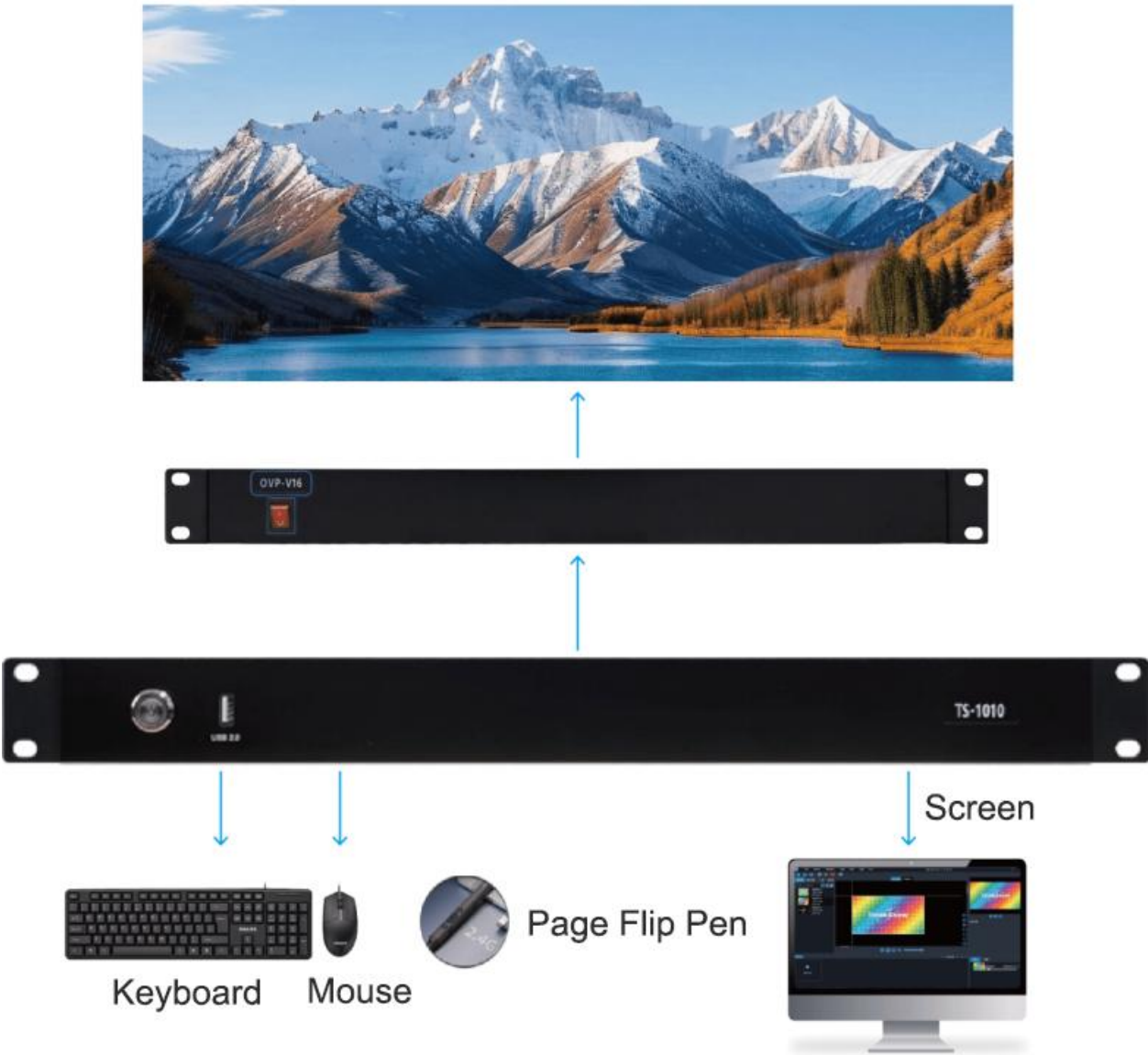
Product overview

The TS1010 is a premium multimedia server paired with ThinkShow software, delivering robust control capabilities alongside excellent scalability and operational stability. Widely adopted in performance venues, creative exhibitions, and multimedia displays, it comprehensively addresses complex scenario requirements from visual presentation to full-process management. As the core technological backbone for performing arts, exhibitions, and display applications, this system employs industrial-grade hardware design and redundant architecture to ensure 24/7 high-stability operation. Its resilience against signal interference and load fluctuations in challenging environments guarantees uninterrupted performance in critical scenarios.

Functional characteristics

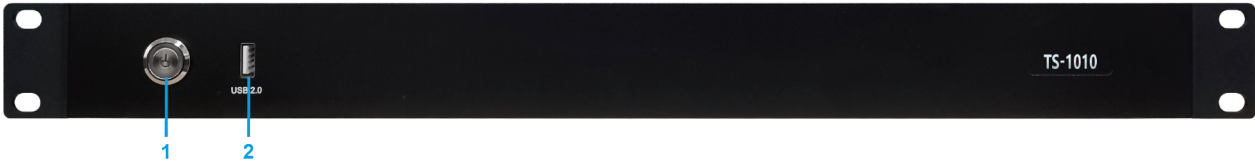
- The single device supports 1 nos 4K@60Hz output channel with load, and supports video decoding and pixel-to-pixel display.
- Supports decoding 2 nos 4K@60fps videos.
- Supports both pre-edit and real-time editing modes.
- Visualize program scheduling and management.
- Media supports video, images, 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 fade-in and fade-out effects.
- Support one-click black screen.

Application scenarios

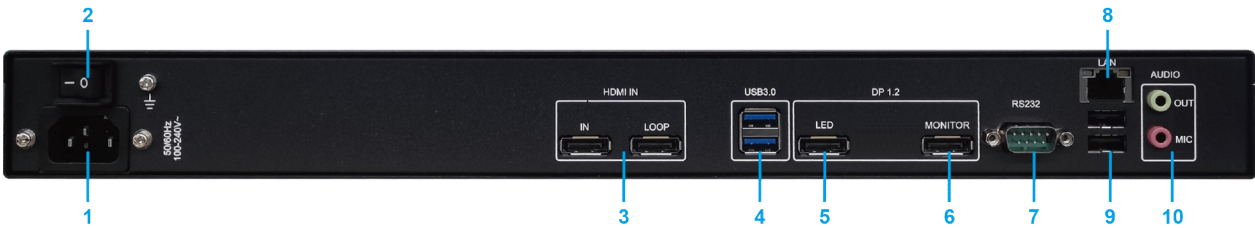


Product Parameter

Appearance Description



| Front panel | | |
|-------------|-------------|--|
| Number | Function | explain |
| 1 | main switch | Switch gear 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 | Turn on key | Turn device on and off |
| 3 | HDMI IN | 4K capture card, optional accessories |
| 4 | USB | 2xUSB3.0 |
| 5 | DP1.2 | 1xDP1.2 port, supports 4096×2160 resolution at 60Hz |
| 6 | PC/MONITOR | Connects to the monitor to display the system interface |
| 7 | RS232 | control interface |
| 8 | LAN | RJ45 network port |
| 9 | USB | 2xUSB 2.0 |
| 10 | Audio interface | ① Audio output ② Microphone input |

Specifications

| Model | TS1000 |
|-------------------------------------|-----------------------------------|
| processor | AMD 6-core 12-thread |
| System memory | 16GB DDR4 RAM |
| caliche | M.2 NVMe 256G SSD |
| Video output interface | 1xDP1.2 |
| Maximum single-channel output | 4096×2160@60Hz |
| Maximum output of the whole machine | 4096×2160@60Hz |
| Audio frequency | Audio output and microphone input |
| Network | 1GbE×1 |
| Broadcast Control Software | ThinkShow |
| Radiator | Silent fan |
| Chassis | 1U |
| 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.

Optional Accessories

| Optional Accessories | name | parameter |
|----------------------|---------|--|
| 4K capture card | TCH 4K1 | joggle : HDMI Input: HDMI IN-4K/60Hz (backward compatible) Loop-out: HDMI LOOP-4K/60Hz (backward compatible) Capture: 4K/60Hz (backward compatible) |

Dimensional drawing

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

