

HDMI / DVI Professional Video Splitter Series

Creating a seamless, high-definition, and stable multi-screen synchronization solution



Product Overview: The Lossless Distribution Center for HD Signals

This series of products is a professionally designed HDMI/DVI video splitter that can losslessly and without delay synchronously distribute 1 or 2 channels of HD video input signals to multiple display devices. We are committed to providing users with the most reliable and clearest multi-screen display experience.



Ultra-High Resolution Support

Supports up to 4K@30Hz UHD resolution, compatible with HDMI 1.4/DVI 1.0 standards.



Wide Compatibility

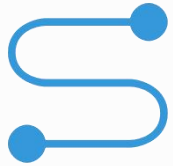
Perfectly compatible with TVs, monitors, projectors, industrial screens, video walls, and more.



Multi-Scene Application

Suitable for conference systems, security monitoring, multimedia displays, industrial control, and other professional scenarios.

Why Choose Our Video Splitter?



Lossless Signal

Uses professional-grade signal amplification chips to ensure no compression or attenuation during signal distribution, perfectly restoring the original picture's clarity and color, and guaranteeing a consistent, high-quality experience across all terminals.



Zero Latency

Achieves millisecond-level synchronization across all output ports, with no delay or stuttering, ensuring absolute synchronization of multi-screen content. Critical for real-time monitoring, video conferencing, and synchronized playback.



Plug & Play

No drivers or complex setup required. Works immediately upon power-up, greatly simplifying the deployment process. Saves installation time, lowers the barrier to use, and can be easily operated by non-professionals.



Industrial-Grade Reliability

Features industrial-grade hardware design, supporting 7x24 hours of continuous operation with lightning protection and anti-interference capabilities. Ensures stable operation in critical business scenarios, reducing maintenance costs and failure risks.

HDMI Splitter Series: Flexible Options to Meet Diverse Needs

Mini Series



Compact size, no power required, plug-and-play. Ideal for limited desktop space.

★ Recommended: Home/Small Meeting

Rack-mount Series



Standard 1U rack size, excellent heat dissipation, high stability. Designed for professional rooms.

★ Recommended: Data Room/Exhibition

Full Series Specification Comparison

Model	Appearance	Splitter Ratio	Max Outputs	Typical Application
H1S2_Mini	Mini	1 in 2 out	2	Home Theater, Small Conference Room
H1S4_Mini	Mini	1 in 4 out	4	Desktop Multi-screen, Small Control Room
H1S4	Standard Rack-mount	1 in 4 out	4	Medium/Small Conference Room, Control Center
H1S8	Standard Rack-mount	1 in 8 out	8	Multimedia Exhibition Hall, Large Conference Room
H1S16	Standard Rack-mount	1 in 16 out	16	Large Control Center, Digital Signage System

DVI Splitter Series: A Reliable Choice for Professional Scenarios

Model	Appearance	Splitter Ratio	Max Outputs	Typical Application
D1S2	Standard Rack-mount	1 in 2 out	2	Industrial Control Dual-screen Display
D2S4	Standard Rack-mount	2 in 4 out	4	Monitoring Scenarios Requiring Multiple Inputs
D1S4	Standard Rack-mount	1 in 4 out	4	Industrial Monitoring Video Wall System



HDMI Series: Technical Specifications



Video Interface

HDMI-A female design
Compliant with HDMI
1.4/1.3/1.2



Protocol Support

HDMI 1.4 + HDCP 1.4
Works with major Blu-ray
players



Zero Latency

All ports **0 latency** output
Perfectly synchronized display



Signal Distribution

1×2 / 1×4 / 1×8 / 1×16
Multiple models available



Embedded Audio

Synchronized audio/video
Supports LPCM 7.1 / 5.1 / 2.0



Power Supply

Mini: DC 5V / 2A
Rack: DC 12V centralized



Resolution Support

Up to **4K@30Hz**
Backward compatible with
1080p/720p



Bandwidth

Up to **10.2Gbps**
Lossless 4K signal
transmission



Installation

Desktop / Standard 19-inch
Rackmount cabinet solution

DVI Series: Technical Specifications



Video Interface

DVI-I female, compatible with DVI-D single/dual channel



Distribution Modes

1×2, 1×4, 2×4 (depending on model)



Resolution

Up to **4K@30Hz**, compatible with all VESA



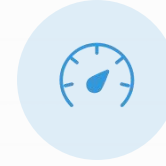
Signal Protocol

Native DVI 1.0, can adapt to HDMI via adapter



3D Video Support

Compatible with mainstream 3D video formats



Bandwidth

Up to **9.9Gbps**, lossless 4K transmission



Sync Performance

Achieves **0 Latency** output, millisecond sync



Power Supply

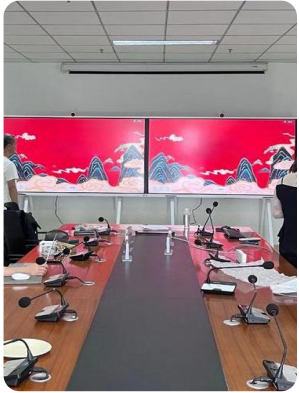
Standard Industrial DC 12V / 2A input



Rack Mount

Standard 19-inch rack mountable for easy deployment

Widely Used, Empowering All Industries



Conference Multi-screen

Conference content is displayed synchronously on multiple screens, ensuring visibility for all attendees.



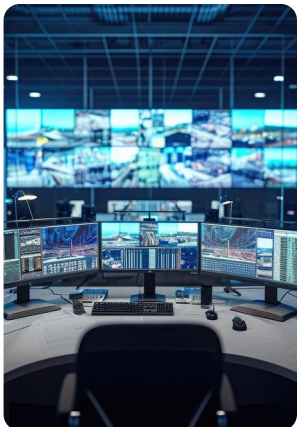
Security Surveillance

Multiple surveillance feeds are displayed on a large video wall for global monitoring.



Mall/Exhibition Ads

HD advertising content is played synchronously to enhance brand image and visual impact.



Industrial Control

Real-time monitoring of critical equipment status on the production line to ensure safety.



Interactive Education

Teacher's computer screen is synchronized to student displays, enhancing teaching interactivity.



Home Theater Sharing

Player content from the living room can be shared to TVs in bedrooms, studies, etc.

Complete Packaging & Reliable After-Sales Service

PACKAGE LIST



Dispenser Main Unit x1 |
Professional Equipment of Corresponding Model



Power Adapter x1 |
Stable Power Supply for Reliable Operation



Product Manual x1 |
Quick Start Operation Guide



Official Warranty Card x1 |
Certificate for Warranty Service

WARRANTY INFO



Worry-Free Warranty Period
One year free warranty service is provided for your peace of mind.

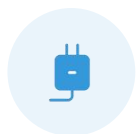


Official Warranty Coverage
From the date of purchase, hardware failures not caused by human damage are eligible for free repair or replacement.



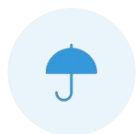
Important Disclaimer
Damage caused by man-made abuse, unauthorized disassembly, force majeure, etc. is not covered by the warranty.

For the Best Experience, Please Follow These Guidelines



Power Adapter

Use the original power adapter to avoid device damage from voltage mismatch.



Environmental Requirements

Avoid use in high-temperature, humid, or strong electromagnetic interference environments.



Device Maintenance

Do not disassemble the device yourself, as this will void the warranty.



Connection Guidelines

Ensure connectors are fully inserted when connecting cables to avoid poor signal contact.



Cable Requirements (4K Output)

4K resolution output requires a 4K-supported HDMI 1.4 cable (recommended length ≤ 15 meters).