Enterprise Control Solutions

Professional KVM Management System

15.6’’ LCD HDMI KVM Switch

Description:

Maximize Rack Efficiency with HDMI-Based KVM Control

The YINKER 1568HL 15.6” LCD KVM Console is a high-performance, space-saving 1U rackmount solution designed for modern HDMI-based server environments. Featuring an integrated 15.6” Full HD LCD display, keyboard, touchpad, and an 8-port HDMI KVM switch, it provides centralized control while eliminating the need for additional peripherals.

Its compact drawer-style structure saves over 85% of rack space and ensures clean cable management. Built with a durable metal housing and adjustable rail system, it fits seamlessly into standard 19” server racks.

Ideal for data centers, IT management, broadcasting systems, and control rooms, the 1568HL delivers efficient, reliable, and user-friendly multi-server management.

1568HL KVM Console Front View



1568HL KVM Console Rear View



1516HL KVM Console Rear View



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Feature:

Display & Video Performance

- Integrated 15.6" Full HD TFT LED panel (1920×1080@60Hz)
- Supports HDMI 1.4b with up to 3Gbps bandwidth
- Supports RGB 4:4:4, YCbCr 4:4:4 / 4:2:2 color formats
- External HDMI monitor output supported
- Built-in EDID ensures stable and consistent display output

KVM Control & Switching

- Integrated 8-port HDMI KVM switch for multi-server control
- Three switching methods: front panel buttons, hotkeys, and OSD menu
- LED indicators for active port status
- Gain adjustment via hotkey command
- Reset via power-off or dedicated reset button

System Compatibility

- Compatible with Windows, Linux, Mac, and domestic OS (Kylin / Ubuntu)
- Supports USB keyboard and mouse (internal + external)
- USB 1.1 protocol support
- No driver required (plug-and-play operation)

Mechanical Design & Installation

- 1U rackmount sliding drawer design (19” standard rack)
- Adjustable rail design for flexible rack depth installation
- Durable metal housing with excellent heat dissipation

Security & Protection

- ESD protection up to ±6KV (contact discharge)
- Hot-plug supported for safe device connection
- Stable operation without signal interruption
- Robust industrial-grade structure

Performance & Maintenance

- Built-in EDID management
- Supports USB firmware upgrade
- Low power consumption (9W typical)
- Reliable long-term operation

Human Interface

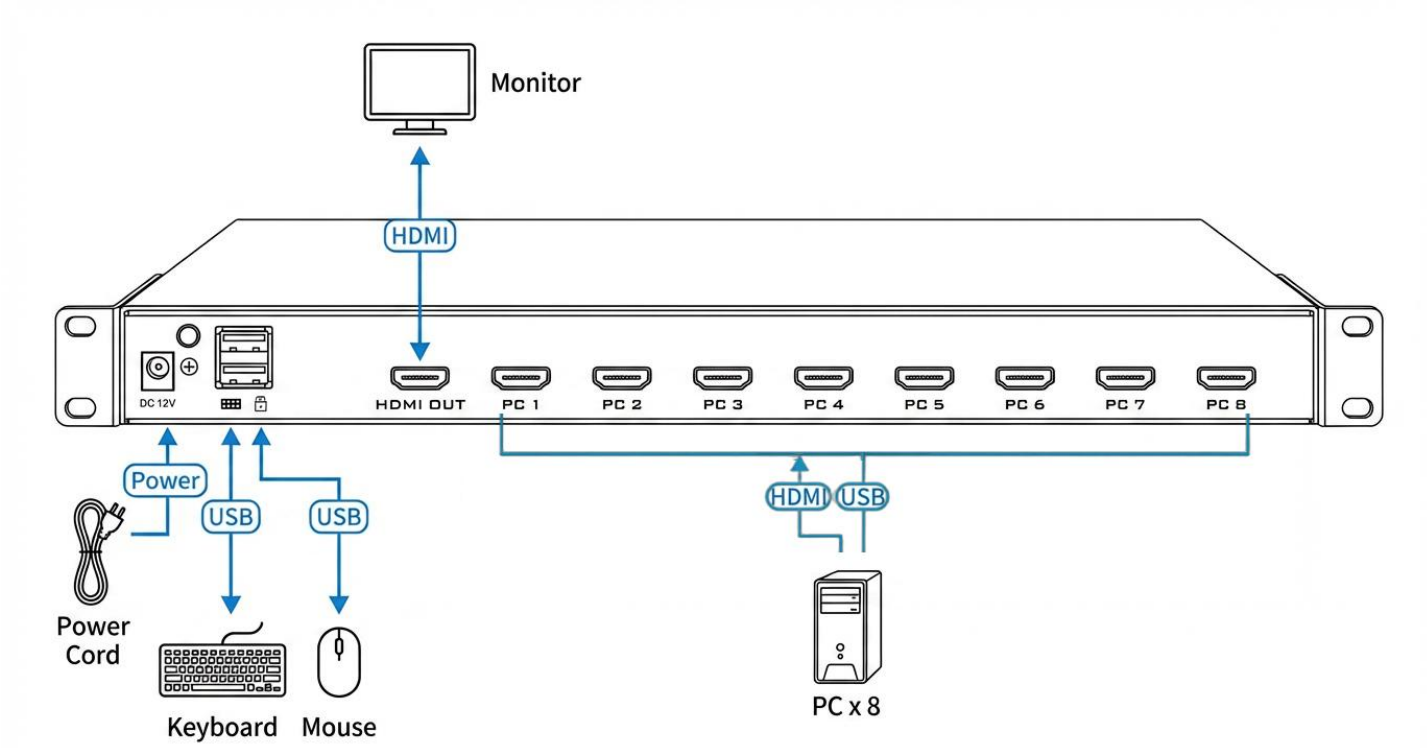
- Integrated 98-key keyboard (US layout)
- High-precision touchpad pointing device
- Ergonomic pull-out handle design
- OSD menu for intuitive operation

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Connection & Interface



Specialized KVM Cables

USB & VGA Integrated KVM Cable	
4 Pack x 5 Ft 4 Pack x 6 Ft	 5 Ft  10 Ft

Specifications

Item	Description
Product Model	1568HL
Product Type	1U Rackmount LCD KVM Console
Form Factor	1U Rack Drawer (19” Standard Rack)
LCD Panel	15.6” TFT LED
Display Area	359.5(H) × 233.8(V) mm
Resolution	1920 × 1080 @ 60Hz
Color Display	262K
Contrast Ratio	800:1
Pixel Pitch	0.17925(H) × 0.17925(V) mm
KVM Interface	
KVM Ports	8 Ports
Interface Type	HDMI
PC Port Connector	HDMI Type-A Female
Console Port	HDMI + USB
Keyboard / Mouse Port	USB ×3 (External)
Built-in Keyboard	98 Keys (US Layout)
Pointing Device	Touchpad
Control & Switching	
Switching Methods	Panel Button / Hotkey / OSD Menu
Daisy Chain	Up to 64 Devices
Password Protection	2-Level (Admin / User)
Hot Plug	Supported
Reset	Power Reset / Button Reset
Indicator	LED Indicators + Digital Display
Video & Compatibility	
HDMI Version	HDMI 1.4b
Video Bandwidth	Up to 3Gbps
Max Resolution	1080P @ 60Hz (Backward Compatible)
External Monitor Support	Yes (Cascade Port)
Color Space	RGB 4:4:4, YCbCr 4:4:4 / 4:2:2
EDID	Built-in EDID
DDC2B	Supported
HDCP	Not Supported
System Compatibility	
Operating Systems	Windows, DOS, Linux, Unix, Mac OS 8.6/9/10, Sun Solaris 8/9
USB Protocol	USB 1.1
Power & Environment	
Power Supply	DC 12V

Input Voltage	AC 100–260V, 50/60Hz
Power Consumption	9W (Typical)
Operating Temperature	0°C – 50°C
Storage Temperature	-20°C – 60°C
ESD Protection	±6KV (Contact Discharge)
Mechanical	
Product Dimensions	479 × 410 × 44 mm
Rack Mount Depth	600–810 mm
Material	Metal Housing
Structure	Slide Rail Drawer Design
Weight	20LB
Additional Features	
EDID Management	Supported
Auto Adjustment	Supported
Firmware Upgrade	USB Upgrade Supported
Gain Adjustment	Supported (Hotkey Control)

Packling List

- 1 × Integrated LCD HDMI KVM Console (1568HL)
- 1 × Power Adapter & Cable
- 1 × User Manual
- 1 × Rack Mount Rail Kit
- 8 × HDMI KVM Cables

Available Models – LCD KVM Console Series (Updated)

Series	Model	Ports	Screen Size	Resolution
Standard VGA	1568UL	8-Port	15.6”	1920×1080
	1516UL	16-Port		
	1708UL	8-Port	17”	1280×1024
	1716UL	16-Port		
	1908UL	8-Port	19”	
HDMI Series	1568HL	8-Port	15.6”	1920×1080
	1516HL	16-Port		
	17308HL	8-Port	17.3”	
	17316HL	16-Port		