

AL-V708S

17" / 8-Port Single-Rail LCD KVM Console Drawer

The AL-V708S combines a 17" LED-backlit SXGA display, a 104-key keyboard and a touchpad with an 8-port VGA/USB KVM switch in a single 1U sliding drawer. Eight computers connect directly and cascade expansion extends control to 128 computers, while a rear VGA and dual-USB group provides an external local console at the back of the rack — full rack-level control from one rack unit.



AL-V708S — FRONT VIEW, DRAWER OPEN

08

DIRECT-CONNECT
COMPUTER PORTS

128

MAX. CASCADED
COMPUTERS

17"

SXGA LCD
DISPLAY PANEL

DUAL

CONSOLE ACCESS
LCD + EXTERNAL VGA/USB

1U

SINGLE-RAIL
SLIDING DESIGN

18 W

TOTAL POWER
CONSUMPTION

WHY THE AL-V708S

High-Density Deployment

- 17" LED-backlit SXGA display, keyboard and touchpad in one 1U drawer.
- Slide-out rails: 800 – 1040 mm rack installation range.
- Self-locking rails hold the drawer closed when not in use.
- 18 W total power consumption for console and switch.

Dual Console Access · S Series

- Rear HDB-15 port drives an external monitor at the rack.
- Two rear USB ports accept an external keyboard and mouse.
- Provides an external local console without adding a rack unit.
- Both console positions are directly attached at the rack.

Switching & Control

- Computer selection by OSD, push-button or hotkey.
- Hotkeys on Scroll Lock, Caps Lock, Num Lock or the OSD.
- Auto Scan: sequential computer scan, configured via OSD.
- Keyboard state is stored and restored on switchover.
- Full DDC2B — monitor data read even on non-selected ports.

Scale & Compatibility

- 8 direct computer ports; cascade expansion reaches 128.
- SXGA 1280 × 1024 @ 75 Hz with 16.7 million colors.
- Dual-interface PS/2 and USB keyboard-mouse connection.
- Supports Microsoft Windows, Linux and Unix environments.

Installation & Service

- 19" mounting hangers supplied; 650 / 750 mm customizable.
- Rail extension travel 85 mm; 380 mm opened unit height.
- Single-person installation and removal.

AT A GLANCE



IN THE BOX

1 ×	AL-V708S console drawer
8 ×	VGA + USB KVM cable, 1.8 m
1 ×	AC power cord, 1.5 m
1 set	19" mounting hangers, 400 mm
1 ×	User manual & warranty card

KVM cables also available in 3 m, 5 m and 10 m lengths.

TYPICAL APPLICATIONS

- Data Center**
Rack-level control at the aisle
- Server Rooms**
Single console for mixed estates
- Network Operations**
Fast local access during incidents
- Control Rooms**
Permanent operator position
- Industrial / OT**
Short-depth design

SUPPORTED PLATFORMS

Rack servers and industrial PCs from:

**IBM · Dell · HP · Sun · Lenovo ·
Advantech · EVOC**



ANGUSTOS delivers professional KVM, Pro AV, video wall and infrastructure solutions for data centers, control rooms and mission-critical IT environments worldwide.

AL-V708S · FULL SPECIFICATION

LCD MONITOR	
Screen Size / Ratio	17" TFT LED-backlit · 4:3
Native Resolution	1280 × 1024 @ 75 Hz (SXGA)
Active Display Area	338 × 269 mm
Pixel Pitch	0.264 × 0.264 mm
Color Support	16.7 million colors
Brightness	250 nits
Contrast Ratio	1000 : 1

KEYBOARD & POINTING DEVICE	
Keyboard	104-key laptop-style keyboard
Pointing Device	Integrated touchpad
OS Compatibility	Microsoft Windows, Linux, Unix

POWER	
AC Input	100 – 240 V AC, 50/60 Hz Built-in PSU, default supply
DC Input	12 V DC, 3.33 A — external adapter option
Power Consumption	18 W
Power Connectors	1 × IEC inlet · 1 × DC 12 V jack

ENVIRONMENTAL	
Operating Temperature	0 °C to 60 °C
Storage Temperature	-20 °C to 70 °C
Humidity	0 – 80 % RH

KVM SWITCH MODULE	
Direct Connections	8 computers
Cascade Maximum	128, via compatible KVM switches
Computer Selection	OSD · push-button · hotkey Scroll Lock / Caps Lock / Num Lock / OSD
Auto Scan	Supported · configured in OSD
Keyboard State	Stored and restored on switchover
DDC Support	Full DDC2B support
Computer Interface	VGA + USB · PS/2 and USB keyboard-mouse

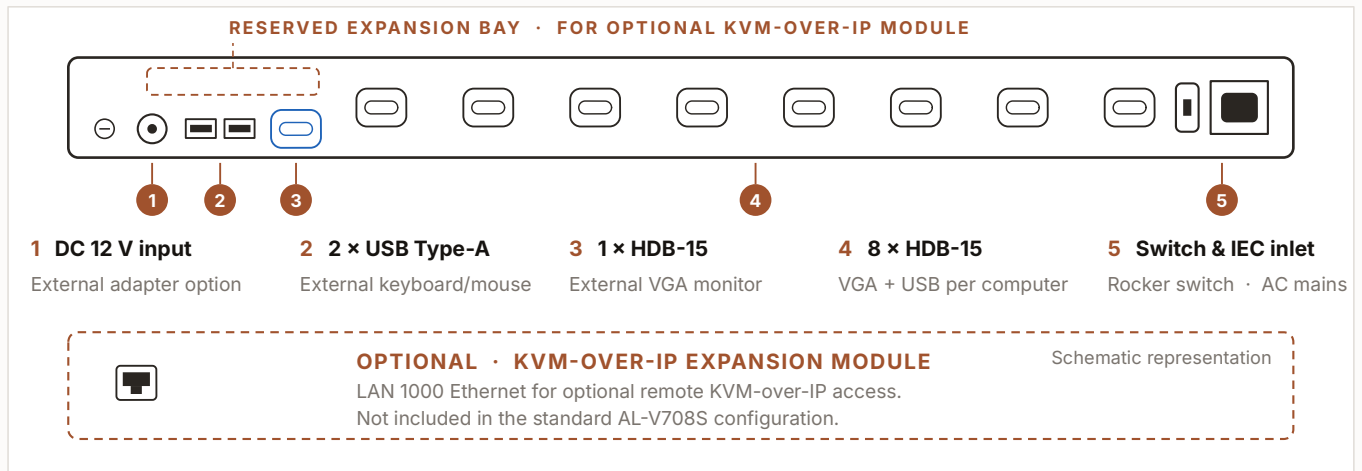
INTERFACES	
Computer Ports	8 × HDB-15 female (VGA + USB via KVM cable)
External Console Video	1 × HDB-15 female — external VGA monitor
External Console USB	2 × USB Type-A — external keyboard & mouse

PHYSICAL & INSTALLATION	
Dimensions (L × W × H)	528 × 465 × 44 mm
Net Weight	11.45 kg
Gross Weight	16.50 kg
Rail Extension Travel	85 mm
Opened Unit Height	380 mm
Rack Installation Range	800 – 1040 mm
Mounting Hangers	400 mm standard · 650 / 750 mm customizable

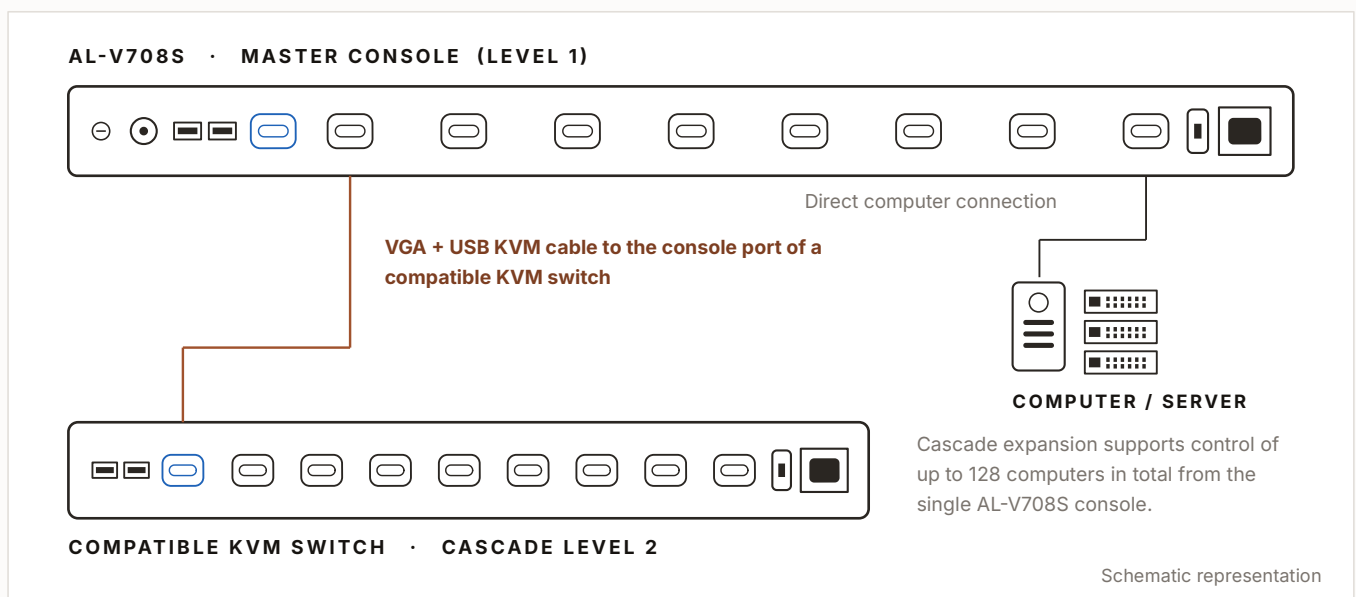
Specifications are based on current ANGUSTOS product documentation and are subject to change without prior notice.

HOW THE AL-V708S CONNECTS

Rear I/O Layout



Cascade Topology



Deployment Notes

Direct connection

- One VGA + USB KVM cable per computer connects to an HDB-15 computer port.
- Up to 8 computers attach directly, with no additional hardware required.
- Keyboard state is stored and restored automatically on switchover.

Cascade expansion

- A computer port can instead feed the console port of a compatible KVM switch.
- Cascade expansion supports control of up to 128 computers in total.
- Selection stays at the AL-V708S console using OSD, hotkey or push-button.

Local Console & Optional IP Module

- The rear HDB-15 and two USB ports form a standard, directly attached external console.
- A reserved rear expansion bay accepts an optional KVM-over-IP module.
- The module is not included in the standard AL-V708S configuration.