# PROFESSIONAL LED LCD KVM SWITCH – P SERIES

**ANGUSTOS**

8 PORT – 15" PS/2–USB VGA
Single Rail LCD KVM Console Drawer

## AL-V508P

## Overview

Angustos AL-V508P LCD KVM Console Drawer is optimized for high density Rack in modern Data Center.

Integrating a 15" LED screen, keyboard and mouse pad in a 1U rackmountable sliding housing. The compact design console is utilized for extreme narrow space and super densed area. The AL-V508P can be installed and connected with Angustos KVM Switch or other brand KVM for convenience configuration. The AL-V508P can control up to 08 computers; with 8 additional KVM switches are cascaded, a single AL-V508P LCD KVM Switch can control up to 128 computers.

In addition, the AL-V508P included an additional hot-pluggable USB port that supports other keyboard and mouse for back-up. With all of the technology involved, the AL-V508P LCD KVM Console has gone beyond the expectations and requirements for a modern Data Center use, which including : short space optimization, exceptional display quality, easy to install, extreme versatility.



AL-V508P FRONT VIEW



AL-V508P REAR VIEW

## Features

**High Density Utilization**
• Front USB for back up mouse-keyboard.
• LCD KVM console with an 15" LED-backlit 4:3 LCD monitor in a single rail design.
• Extreme refresh rate up to 75Hz
• Short-depth overall size allowing user to work with in condensed space of high density Rack
• Slide Lock – secure the console drawer to remain firmly in slide position when not in use.

**Flexible compatibility**
• Superior video quality – up to 1024 x 768 @75Hz; DDC2B; 16.7 M Color.
• Compatible with Angustos and other brands KVM Switches.
• Cascade up to 128 computers from a single console (With compatible KVM Switches)
• Auto PS/2 and USB interface sensing.
• Keyboard and mouse emulation (PS/2 and USB) for seamless switching.
• Operates with all software and operating systems including all Windows versions, DOS, Linux, Unix, BSD, all Sun OS, all Mac OS and NetWare.
• Keyboard Language supports: English (UK), English (US), German (GER.) Japanese, Korean, Russian, Swedish, Chinese.
• Digital & E-Switch key. Mechanical Mute.

**Installation Flexibility**
• Standard rack mount kit included
• No software required - Plug and Play
• Supports hot-plugging

| Saving time | Raise efficiency |
| --- | --- |
| Saving Cost | 15 Inch display (4:3) |
| Plug and Play | Password Protected |

## Compatible Product



**SHORT DEPTH RACK KVM SWITCH**

AR-V08L



**SHORT DEPTH RACK KVM SWITCH**

AR-V16L



**HIGH - DENSITY RACK KVM SWITCH**

AR-UV32L

## Angustos

Angustos was founded in 2000 and is now regarded as one of the foremost manufacturers of digital and analogue KVM solutions.

For more than 20 years our customers have been convinced by our core competencies in extending, switching and distributing standardised computer signals.

We are committed to established international standards. We can provide customers with complete Datacenter solutions as well as OEM/ODM services. We can cover even from medium to small business, factory & industrial, military & government, home office & personal use.

# SPECIFICATION

## KEYBOARD & MOUSE

| | |
|---|---|
| Keyboard | 104 Keys, Digital & E - Switch |
| | Multiple Languages Option |
| Compatible | Win/Sun/Unix/Linus/Mac |
| Mouse | Touchpad |
| Mouse Resolution | >1000 dots/inch (40x40/mm) |
| MTBF | 1,000,000 Press |

## KVM SWITCH MODULE

| | |
|---|---|
| Direct PC connection | 08 |
| Maximum PC Connection | 128 |
| Port Selection | OSD, Button, Hot Key, IP (Opt) |
| Console Connector | HDB-15 |
| KVM Connector | HDB-15 Female x 8 |
| Power | DC Jack |
| Switch button | Panel Digital Keys |
| Reset Switch | Panel Function Keys |
| Status LEDs | Nixie Tube (Selected Port) |
| | Red led (Online Port) |
| Server Interface | PS/2 , USB |
| Cascadable | Support |

## LCD MONITOR

| | |
|---|---|
| Size / Ratio | 15" / 4:3 |
| Video | TFT - LED |
| Visible Square | 409.8 H x 230.4 V |
| Resolution | 1024 x 768 @ 75Hz (Optimal) |
| | 1920 x 1200 @ 60Hz (Max) |
| Color | 16.7 Mil. , True 8 Bit |
| Contrast | 700 : 1 (TyP) |
| Brightness | 250 - 400 nit (Optional) |
| Pixel Pitch | 297 x 297 um |
| MTBF | 100,000 hours |

## OPERATIONAL SPECIFICATION

| | |
|---|---|
| Operating Temp | -10ºC - 60ºC |
| Storage Temp | -20ºC - 70ºC |
| Humidity | 0-95%RH, No Condensation |

## PHYSICAL SPECIFICATION

| | |
|---|---|
| Housing | Metal |
| Dimension | 528 x 481x 44 mm |
| Weight LCD / KVM | 12 kg |

## CONNECTION DIAGRAM

AL-V508P Back

*Connect to VGA + PS/2
or USB Port on Level 1 KVM

DB-15 Pin
Custom KVM Cable

PC or Server

AR-V16L Back

OPTIONAL IP MODULE BAY
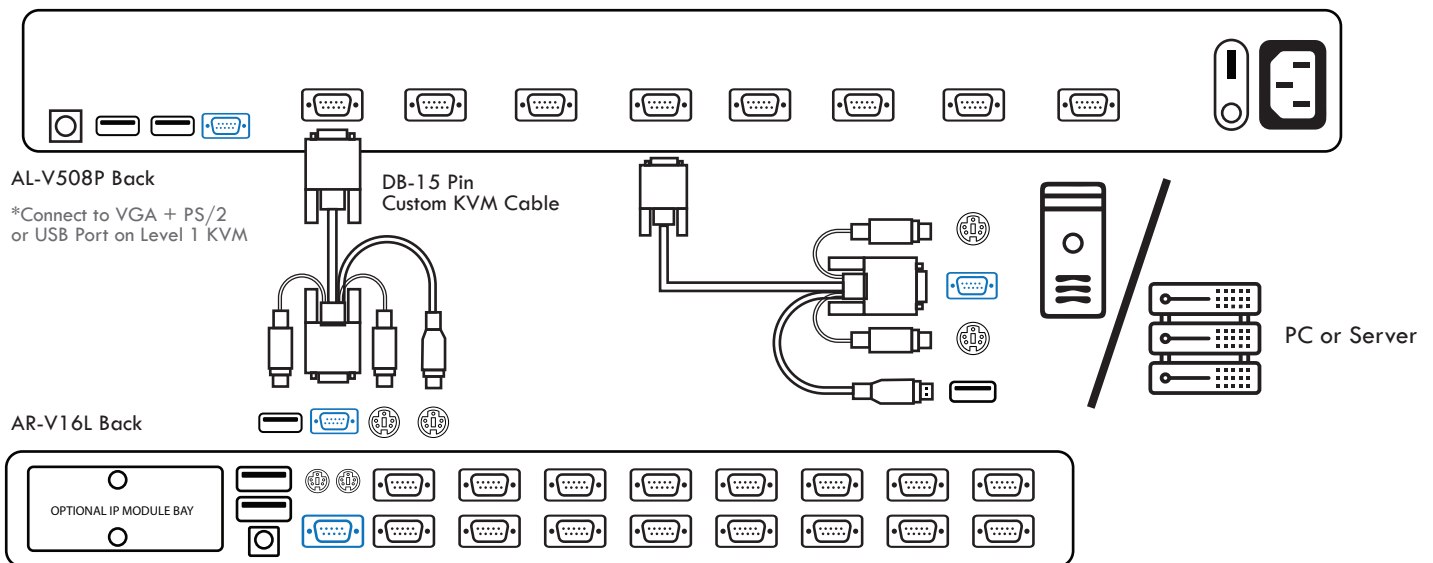
*For connection with IP Module : Use Instruction on Over IP KVM

Cascade KVM