



# ANGUSTOS AL-V900L Single Rail LCD KVM Console Drawer Owner's Manual

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**ANGUSTOS AL-V900L Single Rail LCD KVM Console Drawer**



## **Product Information:**

### **Angustos High Density – Short Depth LCD KVM Switch Series**

The Angustos AL-V900L 18.51 PS/2-USB VGA Single Rail LCD KVM Console Drawer is designed for high density rack in modern data centers. It features an 18.51 LED screen, keyboard, and mouse pad integrated in a 1U rackmountable sliding housing. The console is specifically designed for narrow spaces and short-rack mounting in condensed areas. The AL-V900L can be directly connected to a server for convenient configuration and is compatible with Angustos or other brand KVM Switch units.

In addition, the AL-V900L includes an additional hot-pluggable USB port that supports other keyboards and mice for backup purposes. With its short space optimization, exceptional display quality, easy installation, and extreme versatility, the AL-V900L LCD KVM Console meets the expectations and requirements of modern data centers.

## **Key Features:**

- 18.51" wide LED screen with a 16:9 aspect ratio
- Password protected
- Saving time and cost with plug and play functionality
- Raise efficiency with convenient configuration

## **Compatible Products:**

- AR-V08L – Short Depth Rack KVM Switch
- AR-V16L – Short Depth Rack KVM Switch
- AR-UV08L – High Density UTP KVM Switch

Angustos is a leading manufacturer of digital and analogue KVM solutions. With over 20 years of experience, they specialize in extending, switching, and distributing standardized computer signals. Angustos offers complete Datacenter solutions and OEM/ODM services for various industries including medium to small businesses, factories, industrial facilities, military and government organizations, home offices, and personal use.

For more information, visit [www.angustos.com](http://www.angustos.com)

## Product Usage Instructions

### Specifications:

- **LCD Monitor:** 18.51" wide AHVA TFT-LCD with a resolution of 1366 x 768 @ 60Hz (Optimal). Color contrast ratio of 16.7 million, true 8-bit. LED backlight with a brightness of 300 nit (cd/m2). Pixel pitch of 300 x 300 um. MTBF of 100,000 hours.
- **Operational Specification:** Operating temperature range of -10°C to 50°C. Storage temperature range of -20°C to 60°C. Humidity range of 0-80%RH with no condensation.
- **Keyboard & Mouse:** 100 keys detachable keyboard with multiple language options. Compatible with Win/Sun/Unix/Linux/Mac systems. Touchpad mouse with a resolution of >1000 dots/inch (40x40/mm). MTBF of 1,000,000 presses.
- **Physical Specification:** Metal housing. Dimensions of the LCD drawer are 407x445x45 mm. Weight of the LCD drawer is 6.07 kg.

### Connection Diagram:



### Connecting the AL-V900L:

The AL-V900L can be connected directly to a server or through an Angustos or other brand KVM Switch unit.

- **Direct Connection:** Connect the AL-V900L to the VGA + PS/2 or USB port on the Level 1 KVM.
- **Optional IP Module Bay:** For connection with an IP Module, refer to the instructions provided with the Over IP KVM.
- **Cascade KVM:** Connect the AL-V900L to the VGA + USB port on the Level 2 KVM.

### KVM Cable:

- AR-CC03L
- AR-CC05L
- AR-CC10L

**Note:** Please refer to the user manual for detailed installation and setup instructions.

For any further assistance or support, please visit [www.angustos.com](http://www.angustos.com)

## Overview

- Angustos AL-V900L LCD KVM Console Drawer is optimized for high-density Rack in modern Data Center.
- Integrating a 18.51" LED screen, keyboard and mouse pad in a 1U rack-mountable sliding housing. The short-depth design console is utilized for narrow space for short-rack mounting in condensed area. The AL-V900L can connected directly to server for convenience configuration. Compatible with Angustos or other brand KVM Switch unit without any difficulties.
- In addition, the AL-V900L included an additional hot-pluggable USB port that supports other keyboard and mouse for back-up. With all of the technology involved, the AL-V900L 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.



## Features

### High Density Utilization

- Front USB for back up mouse-keyboard.
- LCD KVM console with an 18.51" LED-backlit 16:9 LCD monitor in a single rail design.

- 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 1366 x 768 @60Hz; DDC2B; 16.7 M – True 8 Bit Color
- Compatible with Angustos and other brands 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.

### Installation Flexibility

- Standard rack mount kit included
- No software required – Plug and Play
- Supports hot-plugging



### Compatible Product



## 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

### LCD MONITOR

Size / Ratio	18.51" / 16:9
Video	Wide AHVA TFT-LCD
Visible Square	409.8 H x 230.4 V
Resolution	1366 x 768 @ 60Hz (Optimal)
	1920 x 1200 @ 60Hz (Max)
Color	16.7 Mil. , True 8-bit
Contrast	1000 : 1 (TyP)
Back light / Brightness	LED / 300 nit (cd/m2)
Pixel Pitch	300 x 300 um
MTBF	100,000 hours

### OPERATIONAL SPECIFICATION

Operating Temp	-10°C - 50°C
Storage Temp	-20°C - 60°C
Humidity	0-80%RH, No Condensation

### KEYBOARD & MOUSE

Keyboard	100 Keys, Detachable
	Multiple Languages Option
Compatible	Win/Sun/Unix/Linus/Mac
Mouse	Touchpad
Mouse Resolution	>1000 dots/inch (40x40/mm)
MTBF	1,000,000 Press

### PHYSICAL SPECIFICATION

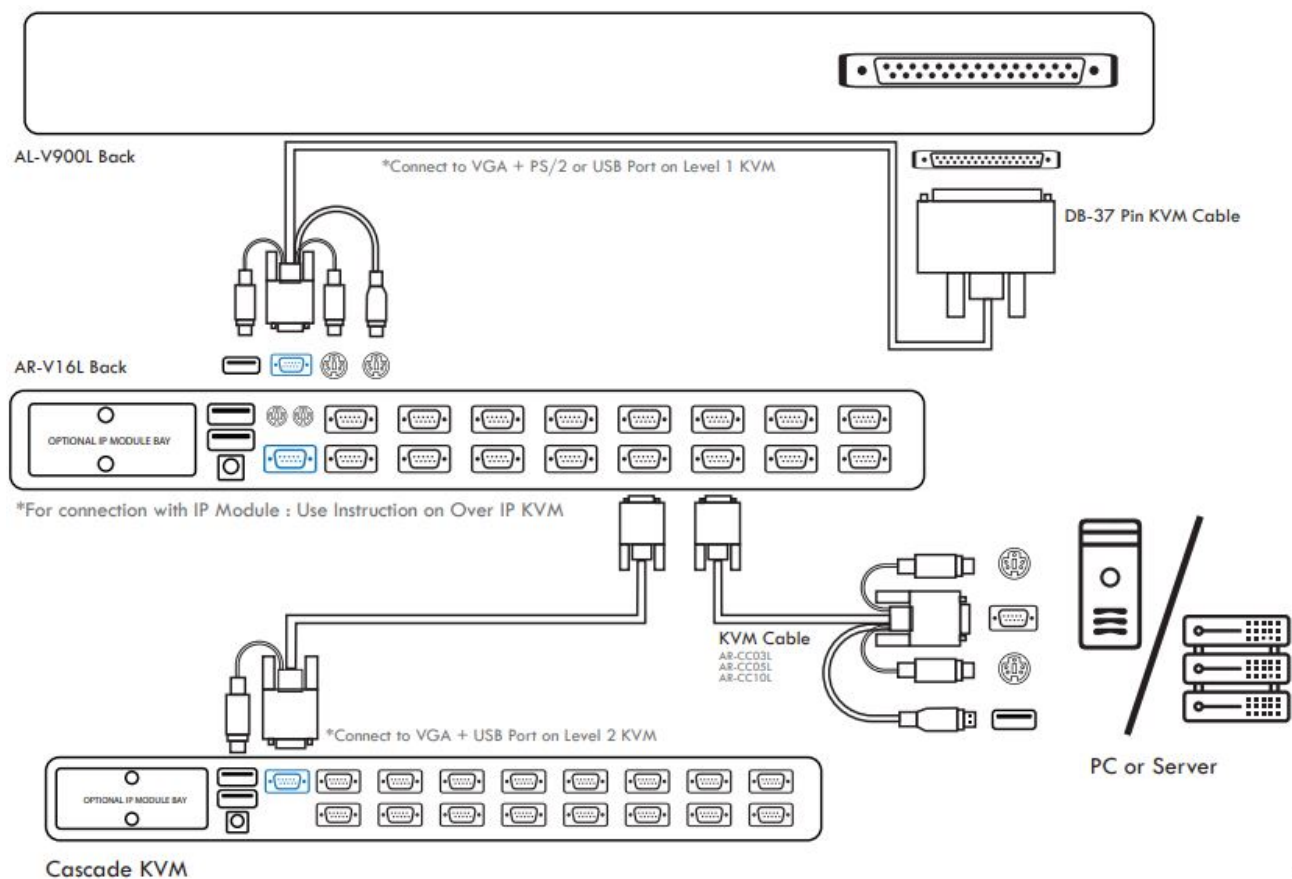
Housing	Metal
Dimension LCD Drawer	407x445x45 mm
Weight LCD Drawer	6.07 kg

### CONNECTION DIAGRAM

\*AL-V900L can connected directly to server or connect through Angustos or orther brands KVM Switch Unit.


## CONNECTION DIAGRAM

\*AL-V900L can connected directly to server or connect through Angustos or orther brands KVM Switch Unit.



[WWW.ANGUSTOS.COM](http://WWW.ANGUSTOS.COM)

## Documents / Resources



**[ANGUSTOS AL-V900L Single Rail LCD KVM Console Drawer](#)** [pdf] Owner's Manual  
AL-V900L, AL-V900L Single Rail LCD KVM Console Drawer, Single Rail LCD KVM Console Drawer, Rail LCD KVM Console Drawer, LCD KVM Console Drawer, KVM Console Drawer, Console Drawer, Drawer

## References

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