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ANGUSTOS AL-V716L VGA Single Rail LCD KVM Switch Instruction Manual

Contents

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ANGUSTOS AL-V716L VGA Single Rail LCD KVM Switch

Product Information

The Angustos AL-V716L is a high-density, short-depth LCD KVM switch designed for use in modern data centers. It features a 17-inch LED screen, keyboard, and mouse pad integrated into a 1U rackmountable sliding housing. The short-depth design allows for narrow space and easy mounting in condensed areas. The AL-V716L can control up to 16 computers, and with the ability to cascade 16 additional KVM switches, it can control up to 256 computers. The switch also includes a hot-pluggable USB port for keyboard and mouse backup.

Key Features:

- Raise efficiency
- Multiple Connection
- 17-inch display (4:3)
- Password Protected
- Cascadable
- Compatible with AR-V08L, AR-V16L, and AIP-C

Angustos is a leading manufacturer of digital and analogue KVM solutions. With over 20 years of experience, they provide customers with complete Datacenter solutions as well as OEM/ODM services. Their products are suitable for medium to small businesses, factories & industrial settings, military & government organizations, home offices, and personal use.

Product Usage Instructions

To use the Angustos AL-V716L LCD KVM Switch, follow these steps:

1. Connect the AL-V716L to your computer systems using the appropriate KVM cables (e.g., AR-CC03L, AR-CC05L, AR-CC10L).
2. Connect your VGA and USB devices to the AL-V716L's console connectors.

3. Connect the power supply to the DC jack of the AL-V716L.

4. Press the switch button on the panel to power on the AL-V716L.

5. Use the OSD (On-Screen Display), buttons, or hot keys to select the desired computer to control.

6. Use the integrated keyboard and touchpad to interact with the selected computer.

7. If you need to cascade multiple KVM switches, connect the VGA and USB ports of the AL-V716L to the appropriate ports on the second-level KVM switch.

8. If you have an optional IP module, refer to the separate instruction manual for connecting and using it.

Please refer to the product user manual for more detailed instructions and troubleshooting information.

Overview

Angustos AL-V716L LCD KVM Switch is optimized for high-density Rack in modern Data Center.

Integrating a 17" LED screen, keyboard, and mouse pad in a 1U rack-mountable sliding housing. The short-depth design is utilized for narrow space for short-rack mounting in condensed areas. The AL-V716L can control up to 16 computers; with 16 additional KVM switches cascaded, a single AL-V716L LCD KVM Switch can control up to 256 computers.

In addition, the AL-V716L included an additional hot-pluggable USB port that supports other keyboards and mice for backup. With all of the technology involved, the AL-V716L LCD KVM Switch has gone beyond the expectations and requirements for modern Data Center use, which includes: short space optimization, exceptional display quality, ease of install, and extreme versatility.

AL-V716L FRONT VIEW

AL-V716L REAR VIEW

Features

High-Density Utilization

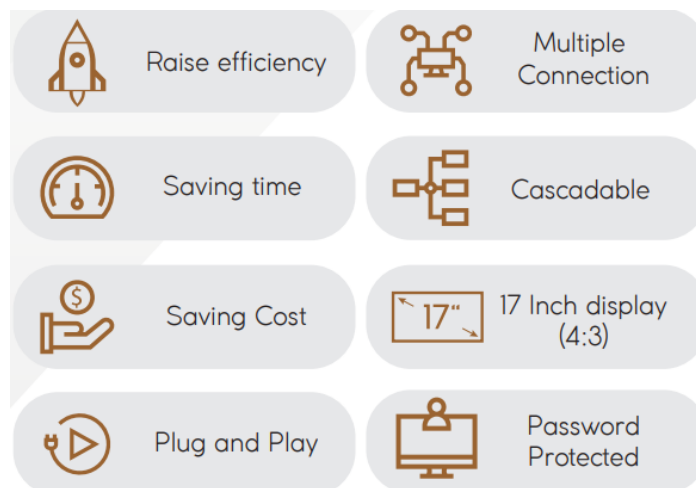- Front USB for backup mouse-keyboard.

- LCD KVM console with a 17" LED-backlit 4:3 LCD monitor in a single rail design.
- Short-depth overall size allowing the user to work in condensed space of high-density Rack
- Slide Lock – secure the console drawer to remain firmly in the slide position when not in use.

Flexible compatibility

- Superior video quality – up to 1280 x 1024 @60Hz; DDC2B; 16.7 Mil. Color.
- Cascade up to 256 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.
- Computer selection with pushbuttons, hotkeys, and multilingual on-screen display (OSD).
- Two-level password security.
- 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), and German (GER.) Japanese, Korean, Russian, Swedish, Chinese

Installation Flexibility

- Standard rack mount kit included
- No software required – Plug and Play
- Firmware upgradeable
- Supports hot-plugging
- Supports Over IP Module for Remote Control

Raise efficiency	Multiple Connection
Saving time	Cascadable
Saving Cost	17" 17 Inch display (4:3)
Plug and Play	Password Protected

Compatible Product

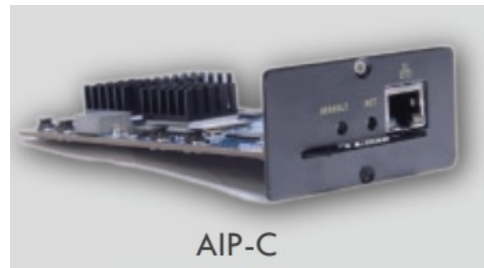- SHORT DEPTH RACK KVM SWITCH

AR-V08L

- SHORT DEPTH RACK KVM SWITCH

AR-V16L

- IP MODULE CARD

AIP-C

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

KVM SWITCH MODULE

- **Direct PC connection:** 16
- **Maximum PC Connection:** 256
- **Port Selection:** OSD, Button, Hot Key, IP (Opt)
- **Console Connector:** DB-37 Pins
- **KVM Connector:** DB-15 Female x 16
- **Power:** DC Jack
- **Switch button:** Panel Digital Keys
- **Reset Switch:** Panel Function Keys
- **Status LEDs:** Nixie Tube (Selected Port)
- **Server Interface:** PS/2, USB

- **Cascadable:** Support

LCD MONITOR

- **Size / Ratio:** 17" / 4:3
- **Video SXGA TFT:** – LCD
- **Visible Square:** 337.92 H x 270.336 V
- **Resolution:** 1280 x 1024 @ 60Hz (Optimal) 1920 x 1200 @ 60Hz (Max)
- **Color:** 16.7 Mil. , RGB 6bit + Hi_FRC
- **Contrast 1000:** 1 (Typ)
- **Backlight / Brightness:** LED / 300 nit (cd/m2)
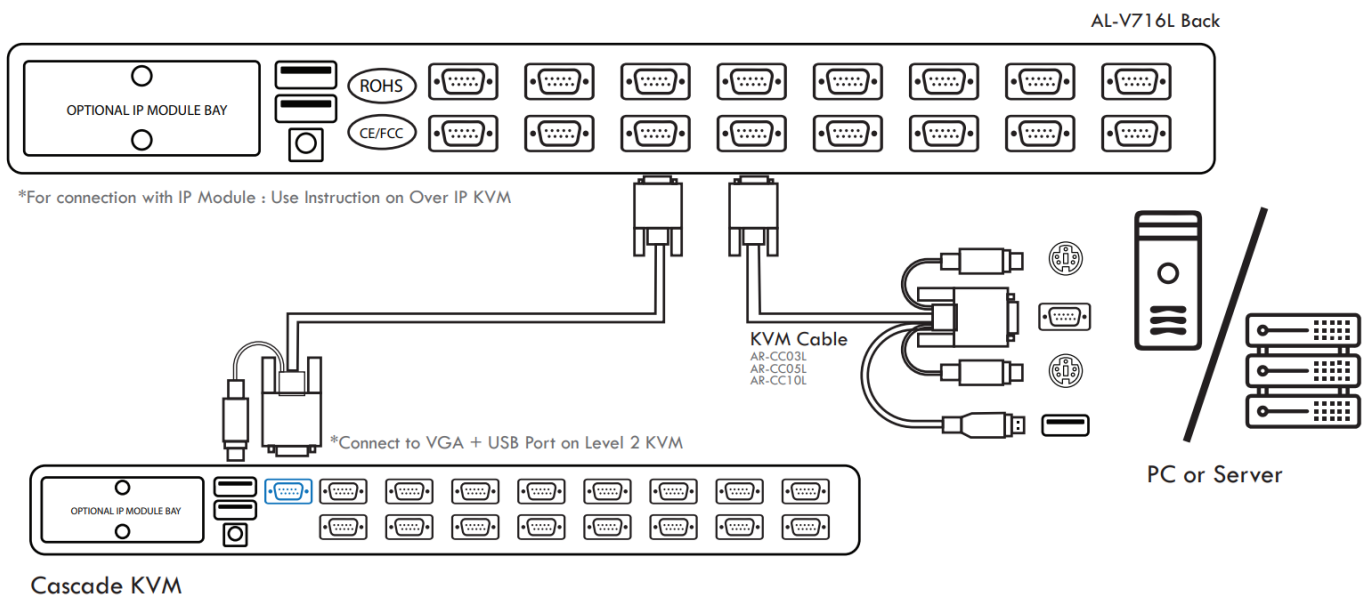- **Pixel Pitch:** 0.264 x 0.297 mm
- **MTBF:** 100,000 hours

OPERATIONAL SPECIFICATION

- **Operating Temp:** -10oC – 50oC
- **Storage Temp:** -20oC – 60oC
- **Humidity:** 0-80%RH, No Condensation

PHYSICAL SPECIFICATION

- **Housing:** Metal
- **Dimension LCD / KVM:** 407x445x45 / 148.4x445x45mm
- **Weight LCD / KVM:** 6.15 kg / 4.96 kg

CONNECTION DIAGRAM

AL-V716L Back

OPTIONAL IP MODULE BAY

ROHS

CE/FCC

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

KVM Cable
AR-CC03L
AR-CC05L
AR-CC10L

*Connect to VGA + USB Port on Level 2 KVM

OPTIONAL IP MODULE BAY

Cascade KVM

PC or Server

WWW.ANGUSTOS.COM

Documents / Resources

ANGUSTOS AL-V716L VGA Single Rail LCD KVM Switch [pdf] Instruction Manual
AL-V716L, AL-V716L VGA Single Rail LCD KVM Switch, VGA Single Rail LCD KVM Switch, Single Rail LCD KVM Switch, Rail LCD KVM Switch, LCD KVM Switch, KVM Switch, Switch

References

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