



## AL-V916L

16-Port PS/2-USB VGA  
Single Rail LCD KVM Switch

### Overview

Angustos AL-V916L LCD KVM Switch is optimized for high density Rack in modern Data Center.

Integrating a 18.51" LED screen, keyboard and mouse pad in a 1U rackmountable sliding housing. The short-depth design utilized for narrow space for short-rack mounting in condensed area. The AL-V916L can control up to 16 computers; with 16 additional KVM switches are cascaded, a single AL-V916L LCD KVM Switch can control up to 256 computers.

In addition, the AL-V916L included an additional hot-pluggable USB port that supports other keyboard and mouse for back-up. With all of the technology involved, the AL-V916L LCD KVM Switch 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-V916L FRONT VIEW



AL-V916L REAR VIEW

### Features

#### High Density Utilization

- Front USB for back up mouse-keyboard.
- LCD KVM console with an 18.51" LED-backlit wide 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
- 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), German (GER.) Japanese, Korean, Russian, Swedish, Chinese.

#### Installation Flexibility

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



Raise efficiency



Multiple Connection



Saving time



Cascadable



Saving Cost



18.51" Wide (16:9)



Plug and Play



Password Protected

### Compatible Product



AR-V08L

SHORT DEPTH  
RACK KVM SWITCH



AR-V16L

SHORT DEPTH  
RACK KVM SWITCH



AIP-C

IP MODULE CARD

### 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.

## KEYBOARD & MOUSE

|                  |                            |
|------------------|----------------------------|
| Keyboard         | 100 Keys, Detachable       |
|                  | Multiple Languages Option  |
| Compatible       | Win/Sun/Unix/Linux/Mac     |
| Mouse            | Touchpad                   |
| Mouse Resolution | >1000 dots/inch (40x40/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)     |
|                       | Red led (Online Port)          |
| Server Interface      | PS/2 , USB                     |
| Cascadable            | Support                        |

## 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 |

## PHYSICAL SPECIFICATION

|                  |                            |
|------------------|----------------------------|
| Housing          | Metal                      |
| Dimension        | 407x445x45/148.4x445x45 mm |
| Weight LCD / KVM | 6.07 kg / 4.96 kg          |

## CONNECTION DIAGRAM

