

## AL-UV7416iL

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

### Overview

Angustos AL-UV7416iL LCD Matrix 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 smart sliding housing. The smart rail design console is utilized for narrow space for short-rack mounting in condensed area. The AL-UV7416iL can control up to 16 computers; with 256 additional KVM switches are cascaded on two more level, a single AL-UV7416iL LCD KVM Switch can control up to 8,192 computers.

In addition, the AL-UV7416iL included 2 additional hot-pluggable USB port that supports other keyboard and mouse for back-up. With all of the technology involved, the AL-UV7416iL 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-UV7416iL FRONT VIEW



AL-UV7416iL REAR VIEW

### Features

#### High Density Utilization

- Stand-alone channel provides 4 remote connections for KVM over IP access
- Connect to servers with distance up to 40m with single Cat5e / 6 UTP cable
- LCD KVM console with an 17" LED-backlit 4:3 LCD monitor in a dual rail design.
- Supports PS/2, USB, serial port (RS-232/485)
- Built-in 1000 Mbps adapter network cards.
- Dual IP operation capabilities.

#### Flexible compatibility

- 3000 groups of user accounts/ 3 levels permissions.
- Supports Terminating Online-Administrators can terminate running connection
- System log generation and conditional query
- Connects equipment port information settings and storage functions
- User rights and group management
- Supports permission setting, administrators can set different levels of user operation permissions and ports
- Embedded WEB GUI, browser login.
- Multi-platform client systems (Windows, Mac OS X, Linux, Sun)
- Browser Support: IE, Chrome, Firefox, Safari, Opera...
- Superior video quality – up to 1920x1200 (max) @60Hz; DDC2B; 16.7 Mil. Color.
- Auto PS/2 and USB interface sensing.
- Auto Scan interval
- Keyboard and mouse emulation (PS/2 and USB)
- Computer selection with hotkeys, and OSD.

#### Installation Flexibility

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



Raise efficiency



Multiple Connection



Saving time



Cascadable



Saving Cost



17 Inch display (4:3)



Plug and Play



Password Protected

### Compatible Product



AR-V08L

SHORT DEPTH  
RACK KVM SWITCH



AR-V16L

SHORT DEPTH  
RACK KVM SWITCH



DVI DONGLE



HDMI DONGLE

### 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	104 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	8,192
Port Selection	OSD, Button, Hot Key, IP (Opt)
Console Connector	DB-15 Pins , RJ45 , USB, RS-232
KVM Connector	RJ-45 x 16
Power	DC 12V/AC 100-240V 50-60Hz
Power consumption	Max 55W
Reset Switch	Panel Function Keys
Status LEDs	Nixie Tube (Selected Port)
	Red led (Online Port)
Server Interface	PS/2 , USB
Cascadable	Support cascade to max 3 levels
Switch button	Panel Digital Keys
IP Module	RJ-45

## LCD MONITOR

Size / Ratio	17" / 4:3
Video	SXGA TFT - LCD. DDC2B
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)
Back light / Brightness	LED / 300 nit (cd/m2) (400 nit optional)
Pixel Pitch	0.264 x 0.297 mm
MTBF	100,000 hours

## OPERATIONAL SPECIFICATION

Operating Temp	-10°C - 50°C
Storage Temp	-20°C - 60°C
Humidity	0-95%RH, No Condensation

## PHYSICAL SPECIFICATION

Shock	10G acceleration (11ms duration)
Vibration	10-300Hz 0.5G RmS Random
Operating altitude	15,500 ft-35,000 ft
Dimension LCD / KVM	407x445x45 / 148.4x445x45mm
Weight LCD / KVM	6.15 kg / 4.2 kg

## CONNECTION DIAGRAM

