

## AL-UV716P

16-Port PS/2-USB CATx  
Over IP Optional LCD KVM Switch



### Overview

Angustos AL-UV716P LCD KVM Switch is optimized for high density Rack in modern Data Center.

Integrating a 17" TFT 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-UV716P can control up to 16 computers; with 16 additional KVM switches are cascaded, a single AL-UV716P LCD KVM Switch can control up to 512 computers.

In addition, the AL-UV716P included an additional hot-pluggable USB port that supports other keyboard and mouse for back-up. With all of the technology involved, the AL-UV716P 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-UV716P FRONT VIEW



AL-UV716P REAR VIEW

### Features

#### High Density Utilization

- Front USB for back up mouse-keyboard.
- Connect to servers with distance up to 40m with single Cat5e / 6 UTP cable
- LCD KVM console with an 17" TFT LED-backlit wide 5:4 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 1280 x 1024 @75Hz; DDC2B; 16.2 M - True 8 Bit Color
- Cascade up to 512 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



17" Large (5:4)



Plug and Play



Password Protected

### Compatible Product



AR-V08L

SHORT DEPTH  
RACK KVM SWITCH

\*Please consult with distributor upon mixing connection L series and P series units



AIP-CP

PRO-SERIES  
OVER IP CARD MODULE



ADG-100U

PRO-SERIES  
KVM SWITCH 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 Mechanical Mute   |
|                  | 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 | 512                                |
| Port Selection        | OSD, Button, Hot Key, IP           |
| Console Connector     | DB-15 Pins , RJ45 (IP Module), USB |
| KVM Connector         | RJ45 x 16 (Cat5e / Cat6)           |
| Power                 | DC 12V/AC 100-240V 50-60Hz         |
| Switch button         | Panel Digital Keys                 |
| Status LEDs           | Nixie Tube (Selected Port)         |
| Server Interface      | PS/2 , USB                         |
| Cascadable            | Support cascade 2 levels           |
|                       | Daisy-chain 16 levels              |
| IP Module             | Optional                           |

## LCD MONITOR

|                |                              |
|----------------|------------------------------|
| Size / Ratio   | 17" / 5:4                    |
| Video          | TFT - LCD. DDC2B             |
| Visible Square | 409.8 H x 230.4 V            |
| Resolution     | 1280 x 1024 @ 75Hz (Optimal) |
|                | 1920 x 1200 @ 60Hz (Max)     |
| Color          | 16.2 Mil. , True 8 Bit       |
| Contrast       | 1000 : 1 (TyP)               |
| Brightness     | 300 nit / 400 nit (optional) |
| Pixel Pitch    | 297 x 297 um                 |
| MTBF           | 100,000 hours                |

## OPERATIONAL SPECIFICATION

|                |                           |
|----------------|---------------------------|
| Operating Temp | -10°C - 60°C              |
| Storage Temp   | -20°C - 70°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           | 567.4 x 480 x 44 mm              |
| Weight LCD / w. KVM | 12 kg / 16 kg                    |

## CONNECTION DIAGRAM

