ANGUSTOS

AL-H916L
16-Port PS/2-USB HDMI Single Rail LCD KVM Switch

Overview

Angustos AL-H916L LCD KVM Switch is optimized for high density Rack in modern Data Center. Supporting Full HD resolution for high end computers / servers.

Integrating a 18.47" LED screen, keyboard and mouse pad in a 1U rackmountable sliding housing. The short-depth design ultilized for narrow space for short-rack mounting in condensed area. The AL-H916L can control up to 16 computers; with 256 additional KVM switches are cascaded on two more level, a single AL-H916L LCD KVM Switch can control up to 4096 computers.

In addition, the AL-H916L included an additional hot-pluggable USB port that supports other keyboard and mouse for back-up. With all of the technology involved, the AL-H916L LCD KVM Swtich 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-H916L FRONT VIEW

AL-H916L REAR VIEW

Features

High Density Utilization
• Front USB for back up mouse-keyboard.
• LCD KVM console with an 18.47" 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.
• Extender compatible – Can be combined with Angustos KVM Extender up to 60m.

Flexible compatibility
• Superior video quality – up to 1920 x 1080 @60Hz; DDC2B; 16.7 Mil. Color.
• Cascade up to 4096 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.
• Auto scan.

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		18.47 Inch display (16:9)	
Plug and Play		Password Protected	

Compatible Product

AR-H08L — 8 PORT HDMI 4K KVM SWITCH

AR-H16L — 16 PORT HDMI 4K KVM SWITCH

KCE600H — HDMI USB KVM EXTENDER

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

ANGUSTOS

KEYBOARD & MOUSE

Keyboard	104 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

KVM SWITCH MODULE

Direct PC connection	16
Maximum PC Connection	4096
Port Selection	OSD, Button, Hot Key, IP (Opt)
Console Connector	HDMI Female
KVM Connector	HDMI + USB Type B x 8
Power	DC 12V/AC 100-240V 50-60Hz
Power consumption	55W
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 cascade to max 3 levels
IP Module	Optional

LCD MONITOR

Size / Ratio	18.47" / 16:9
Video	Wide AHVA TFT-LCD
Visible Square	409.96 H x 230.04 V
Resolution	1920 x 1080P @ 60Hz (Optimal)
	3840 x 2610 @ 30Hz (Max)*
Color	16.7 Mil. , RGB 6bit + Hi_FRC
Contrast	1000 : 1 (TyP)
Back light	LED 300 nit (cd/m2) (400 nit optional)
Pixel Pitch	0.213 x 0.213 mm
MTBF	100,000 hours
Screen Rotation	120 °

OPERATIONAL SPECIFICATION

Operating Temp	-10°C - 50°C
Storage Temp	-20°C - 60°C
Operating / Storage Humidity	0-90%RH, No Condensation

PHYSICAL SPECIFICATION

Housing	Metal
Dimension LCD / KVM	407x445x45 / 148.4x445x45mm
Weight LCD / KVM	8.5 kg / 3.32 kg

CONNECTION DIAGRAM

AL-H916L Back

*USB Port reserved for external Keyboard - Mouse

KVM Cable
HDMI Cable
USB A - USB B Cable

Cascade KVM

PC or Server

*Connect to HDMI + USB Port on Level 2 KVM