# 8/16 Port 18.5" VGA Full HD LCD KVM Console
# (XW1808 / XW1816)

Overview

The XW1808/XW1816 VGA Full HD LCD KVM console is a control unit that allows access to multiple computers from an USB or PS/2 KVM console. An extra console port is provided on the rear panel to manage the LCD KVM switch from an external console. It allows to access and control up to 8 / 16 computers from a single console (keyboard, mouse, and monitor). As many as 256 / 512 computers can be controlled from a single keyboard- monitor-mouse console by cascading to another 31 additional switches. The KVM switch supports USB or PS/2 connections for the console and computers, VGA connectors and VGA cable are used to link to the computers.
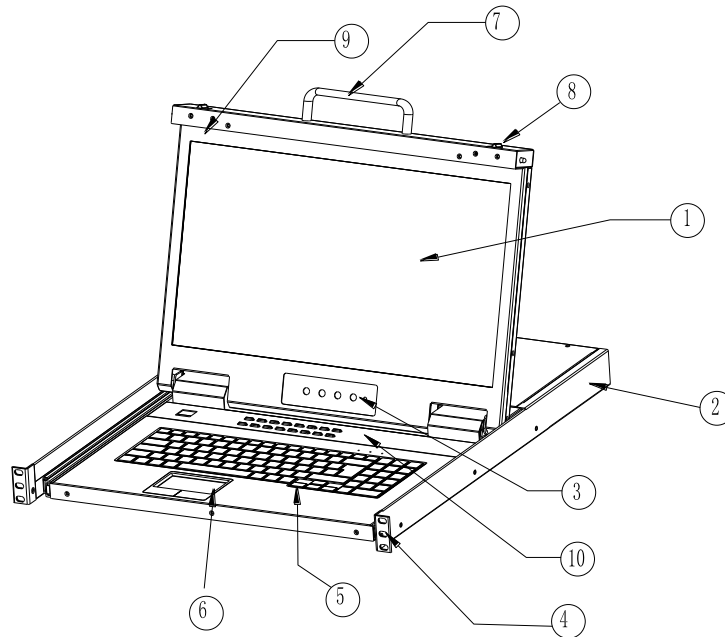
1	LCD Monitor	6	Touchpad
2	Rear Bracket Slot	7	Handle
3	Display Menu Buttons	8	Release Switch
4	Mounting Bracket	9	Display Panel
5	Keyboard	10 Port Selection Buttons	

Structure
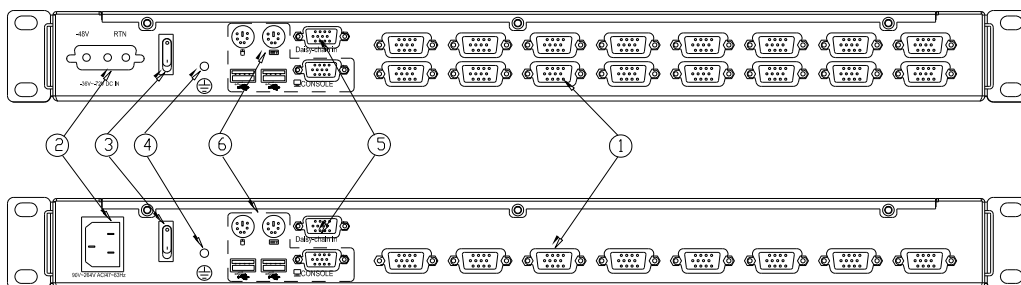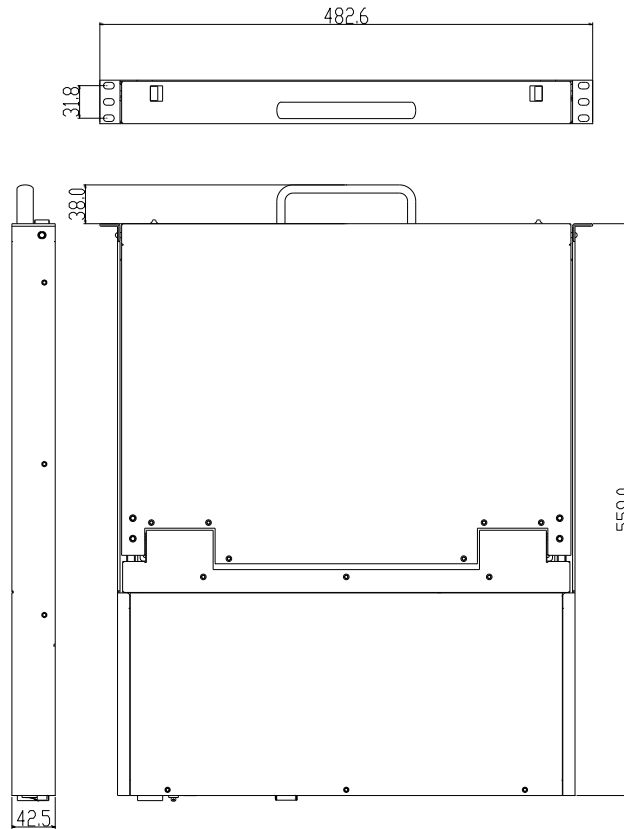
1	Host Port	4	Ground Connection Screw
2	Power input(AC)	5	Cascade port
3	Power switch	6	Console Port

Features

- 18.5" Full HD monitor, high brightness, high resolution
- 1U height, suitable height for standard 19" rack mount, metal structure
- Ultra slim 99 keys keyboard with small numeric keyboard
- High resolution and high flexibility with touchpad; with two function buttons and scroll wheel
- A single USB console controls up to 8 or 16 computers
- By daisy chaining up to 31 additional Combo-KVM, as many as 512 computers can be controlled from the single KVM console which supports 8 or 16 ports KVM seamless mixed cascade connection

- Dual interface – supports computers with PS/2 and USB keyboard and mouse

- Auto PS/2 and USB interface detection

- Supports wireless keyboard and mouse from different suppliers

- Two level password security – only authorized users view and control computers; up to four users and an administrator with a separate profile for each

- Broadcast mode – operations simultaneously performed on all selected computers

- Multiplatform support – Windows, Linux, Mac and Sun

- Supports multimedia USB keyboard (PC, Mac and Sun)

- Superior video quality – up to 1920×1080; DDC2B

- USB or PS/2 keyboard emulation – computer boot even the console focus is else where

- Convenient computer switching via front panel pushbuttons, hotkeys, OSD menu

- Auto scan feature for monitoring user-selected computers

- Hot pluggable – add or remove computers without having to power down the switch

- Quickly select your computer by naming the server or inputting SN number of the server

Connection Diagram
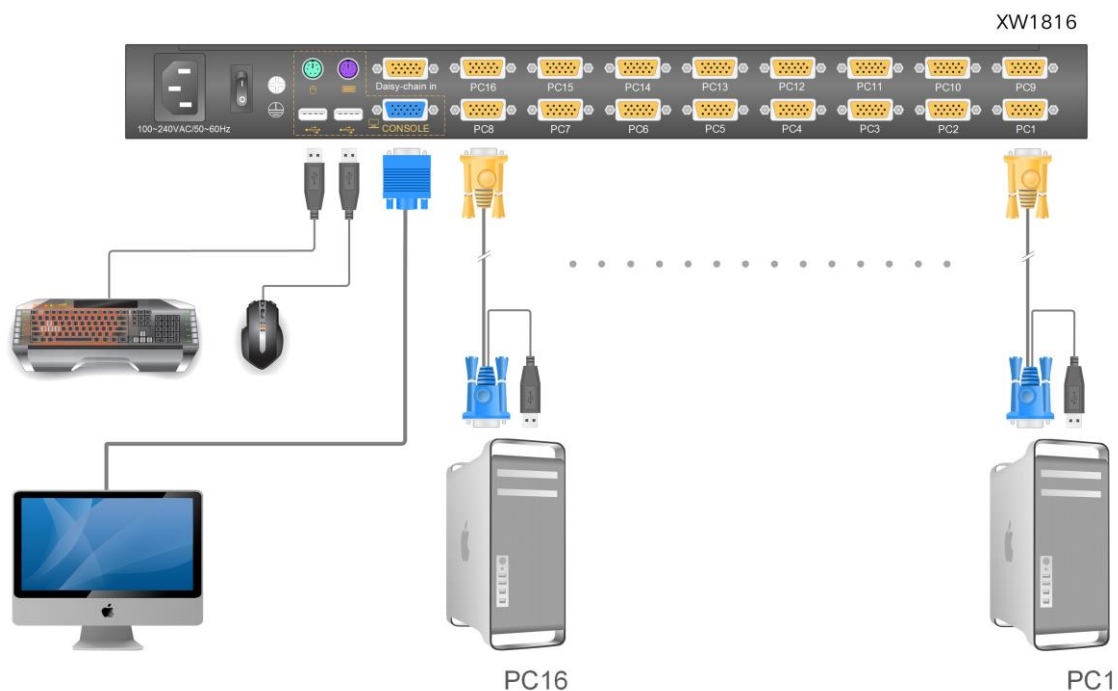
Specifications

Function		XW1808	XW1816
Computer connections	Direct	8	16
	Max	256	512
Port emulation	Keyboard, mouse	PS/2, USB	
LCD monitor	LED model	FHD TFT	
	View area	18.47″	
	Optimum resolution	1920×1080@60Hz	
	Display color	16.7 M	
	Brightness	350cd/m² （Ｔｙｐ）	
	Contrast ratio	1000：1 （Ｔｙｐ）	
	Pixel pitch(mm)	0.213(H) × 0.213(W)	
Mouse	X/Y resolution	>1000 points /inch, (40 points/mm)	
	Roll wheel	Supports scroll wheel function	
Keyboard		99 keys (82 keys main keyboard +17 independent small numeric keyboard)	
Port selection		pushbuttons, hotkeys, OSD menu	
Input power		100V- 240Vac, 50-60Hz, <1.5A	
Power consumption		23W	25W
Mounting distance		686-770mm (L=262mm) Mounting bracket can be customized for other mounting distance	
Operating temperature		0—50 ℃	
Store temperature		-20—60 ℃	
Humidity		0—80% RH, non-condensing	
Net weight		11.4kg	11.6kg
Product dimension (W × D × H)		448mm×560mm×42.5mm	
Package dimension (W × D × H)		765mm×615mm×185mm	
Optional power input		-36V— -72V DC	