

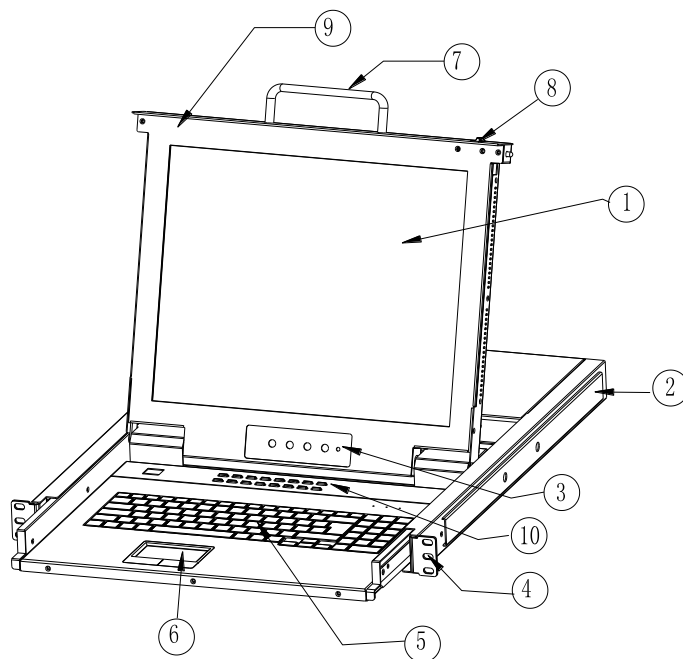
# 8/16 Port 18.5" VGA LCD KVM Switch ( DXW-1808 / DXW-1816 )



Date: 2020 / 01  
Version: V3.1

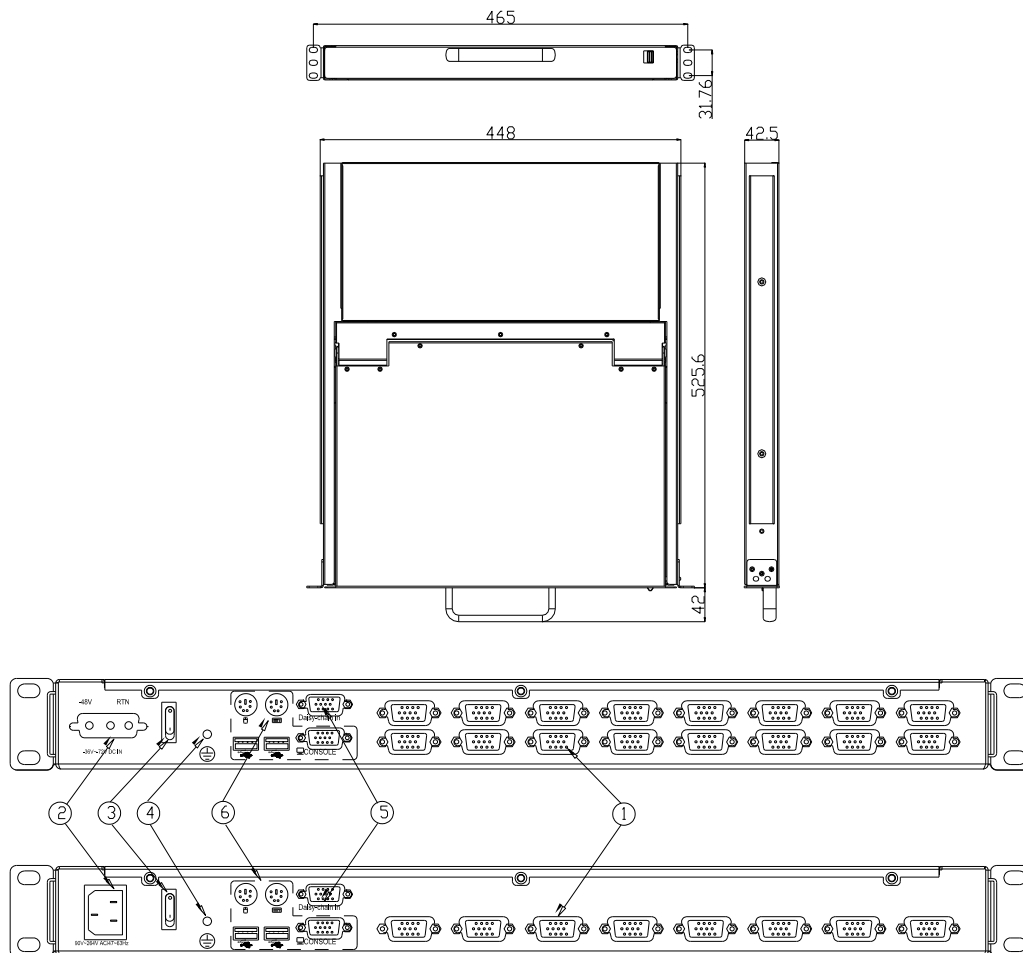
## Overview

The DXW-18 Series VGA 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

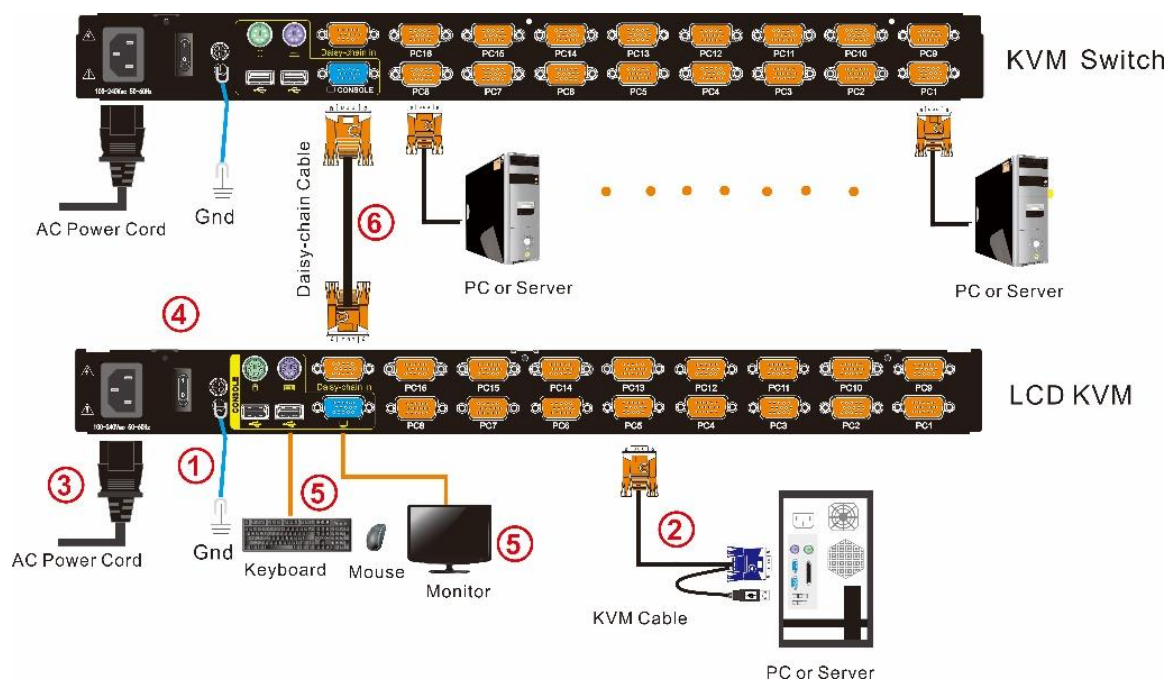
- 18.5" widescreen monitor, high brightness, high resolution
- 1U height, suitable height for standard 19" rack mount, metal structure
- Ultra slim 99 keys keyboard with small numeric keyboard
- High resolution and high flexibility with touchpad; with two function buttons and scroll wheel

## Switch Functions

- 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
- Users can set up different hot keys(【Scroll Lock】/【Caps Lock】/【F12】/【Ctrl】), auto scanning time, port display time, log out time, buzzer on/off and mouse on/off according to their different needs
- 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 1366x768; 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
- Automatically shows the computer position on the front panel LED screen under daisy chaining connection without DIP set by hand
- 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		DXW-1808	DXW-1816
Computer Connections	Direct	8	16
	Max	256	512
Port Emulation	Keyboard, mouse	PS/2, USB	
LED monitor	LED Model	WXGA TFT	
	View area	18.51"	
	Optimum Resolution	1366x768@60Hz	
	Display color	16.7 M	
	Brightness	250cd/m <sup>2</sup> (T y p)	
	Contrast ratio	1000 : 1 (T y p)	
	Pixel pitch(mm)	0.300(H) × 0.300 (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		14W	15W
Operating Temperature		0 – 40 °C	
Store Temperature		-20 – 60 °C	
Humidity		0 – 80% RH, non-condensing	
Net Weight		11.5kg	11.7kg
Product Dimension (W × D × H)		448mm×560mm×42.5mm	
Package Dimension (W × D × H)		765mm×615mm×185mm	