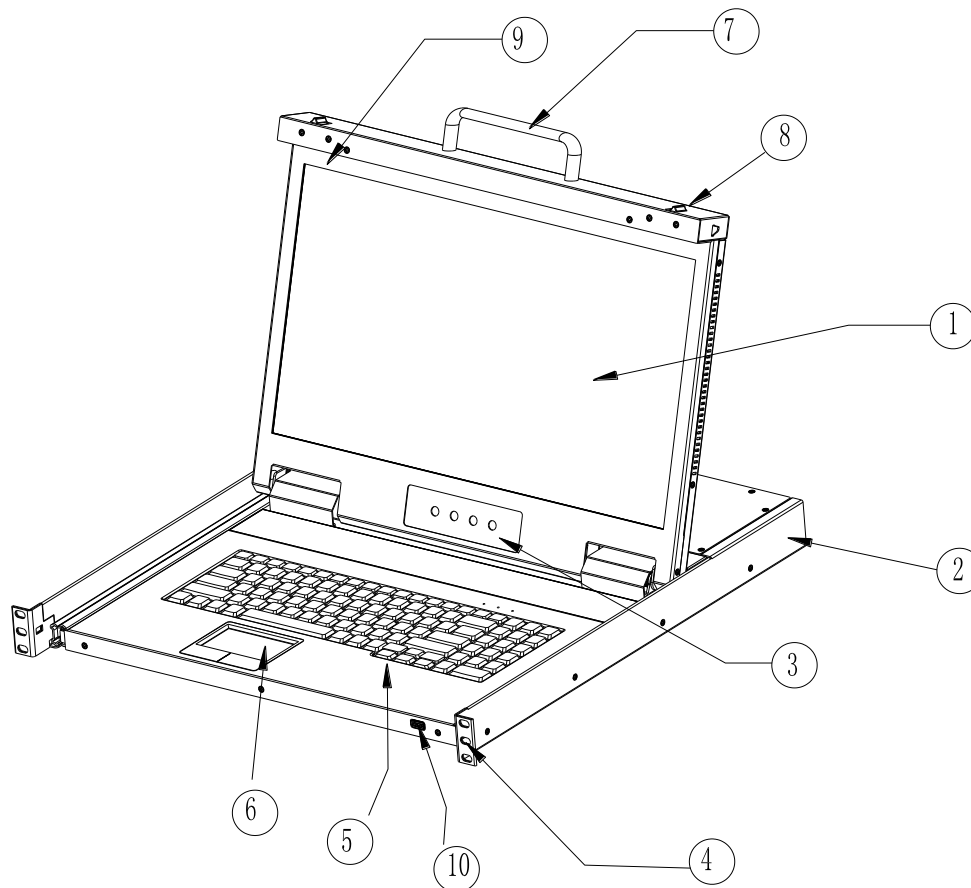


# Short Depth Widescreen LCD Console (VGA / DVI / HDMI / DP) ( LM1801 )



## Overview

The LM1801 widescreen LCD console is a short depth LCD console featuring an integrated 18.5" widescreen LCD monitor with keyboard and touchpad. The LM1801 supports four types of video input – VGA, DVI, HDMI and DP. 18.5" LCD screen supports Full HD resolution of 1920 x 1080 @ 60Hz. For added convenience, users can choose to manage the connected computer from an external console. Ports for USB keyboard / mouse and VGA, DVI and DP monitor are provided on the rear panel. The LM1801 also features three USB2.0 port (one on the unit's front panel and two on the rear panel) for external USB keyboard / mouse or other USB peripherals.

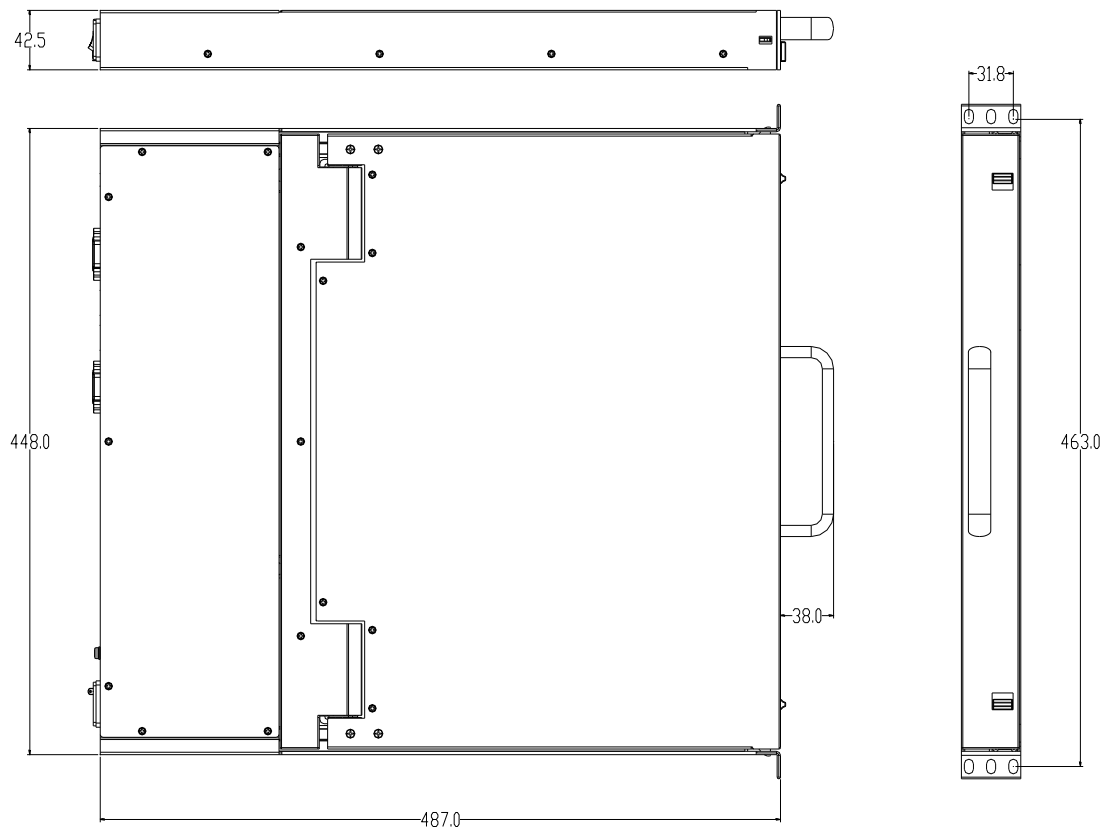


1 LCD Monitor	6 Touchpad
2 Rear Bracket Slot	7 Handle
3 Display Menu Buttons	8 Release Switch
4 Mounting Bracket	9 Display Panel
5 Keyboard	10 USB2.0

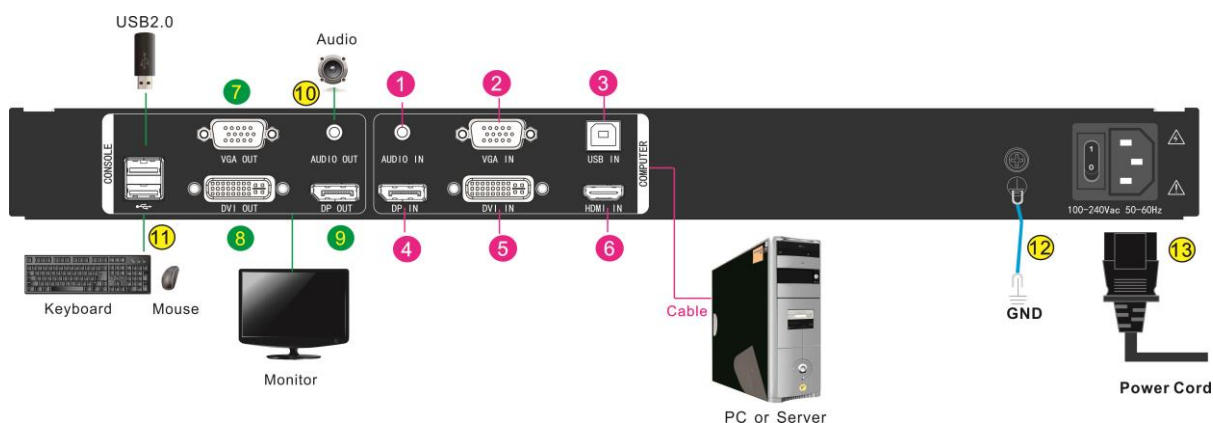
## Features

- 18.5" LCD Monitor, keyboard and touchpad in a 1U compact design
- Resolution is up to 1920 x 1080@60Hz
- Short-depth design
- Ultra-slim keyboard with 99 keys and numeric keypad
- Standard PS/2 emulation
- Automatically lock up with the front panel lock latch
- Compact steel construction and high quality hand-protection sliding rails
- Supports four types of video input – HDMI / DVI / VGA / DP
- Supports an external console with USB2.0 / DP / VGA / DVI connectors
- Audio support for connecting speakers
- Additional hot-pluggable USB port on front panel for keyboard and mouse (also functions as a USB peripheral port)
- No software required
- Firmware upgradable
- Hot pluggable - add or remove computers without having to power down the switch

## Structure



## Connection Diagram



No.	Computer (IN)	Console (OUT)	Description
①	AUDIO IN		To connect to the audio interface of the computer.
②	VGA IN		To connect to the VGA port of the computer.
③	USB IN		To connect to the USB port of the computer.
④	DP IN		To connect to the DP port of the computer.
⑤	DVI IN		To connect to the DVI port of the computer.
⑥	HDMI IN		To connect to the HDMI port of the computer.
⑦		VGA OUT	If the connected external display is VGA output, the input source should be VGA input.
⑧		DVI OUT	If the connected external display is DVI output, the input source can be VGA, DVI, HDMI or DP input.
⑨		DP OUT	If the connected external display is DP output, the input source should be DP input.
⑩		AUDIO OUT	To connect to audio device.
⑪		USB	These two USB port is for USB keyboard, mouse or other USB2.0 peripherals.
⑫			Ground connection
⑬			Power Input

## Cables

Standard cable (Included in the package)	1x USB Cable ( Type B / Type A) 1x DVI Signal Cable
Optional cables	Audio Cable VGA Signal Cable DisplayPort Signal Cable HDMI Signal Cable

## Specifications

Model		LM1801
Computer Connections		1
Port emulation	Keyboard, mouse	PS/2, USB
LCD monitor	LCD type	FHD TFT
	View area	18.47"
	Optimum resolution	1920×1080@60Hz
	Display color	16.7 M
	Brightness	500cd/m <sup>2</sup> ( T y p )
	Contrast ratio	1000 : 1 ( T y p )
	Pixel pitch(mm)	0.213(H) × 0.213(W)
Mouse	X/Y resolution	>1000 points / inch, (40 points/mm)
	Scroll wheel	Support scroll wheel function
Keyboard		99 keys (82 keys main keyboard +17 independent small numeric keyboard)
Video Signal Input Priority		VGA > DVI > HDMI > DP
Input power		100V – 240Vac, 50 ~ 60Hz, <1.5A
Power consumption		30W
Operating temperature		0 – 40 °C
Store temperature		-20 – 60 °C
Humidity		0 – 80% RH, non-condensing
Net weight		11 kg
Product dimension (W × D × H)		448mm× 487mm × 42.5mm
Package dimension (W × D × H)		765mm×615mm×185mm