

DS-D2049NL-B

LCD Module



Overview

The DS-D2049NL-B LCD monitor adopts ultra-slim panel technology with ultra-slim bi-side seam as only 3.5mm wide between neighboring monitors. It is equipped with LED direct-lit backlight with uniform brightness and no boundary shadow. Since it is designed for industrial display, it can work for 60,000 hours, which is far longer than the lifespan of common household ones. The monitor has a built-in jointing controller which is able to realize the self-joint of the video signal. Besides, it has abundant interfaces for video inputs, as DVI, VGA, HIMI and YPbPr, and various control methods are supported.

Available Model

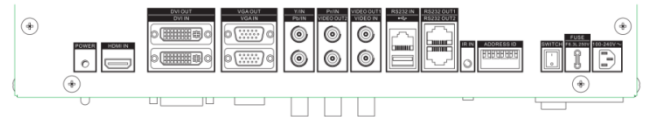
DS-D2049NL-B

Function Features

- Direct-lit backlight with uniform brightness of display unit and no boundary shadow;
- Resolution:1920×1080;
- High display resolution, delicate image with rich color;
- High definition; high brightness; high color gamut;
- IPS LCD screen with 178° wide angle;
- Large display area and light weight;
- Longer display life-span;
- Multiple merging methods, applicable for various scenes;
- Ultra-slim bi-side seam;
- Stable running, long lifespan, low maintenance cost, support 24 hours continuous working;
- Multiple installations including rack, bracket and cabinet;
- Metal casing enhances the function of anti-radiation, anti-magnetic and strong electric field interference;
- Working humidity: 10%~85%; able to work under harsh environment.

Physical Interface

Rear panel of DS-D2049NL-B



Interface Descriptions

Name	Description
Power LED	Power indicators; red indicates standby; green indicates working; orange indicates abnormal fan
HDMI	HDMI input
DVI-IN	DVI-I input interface for digital signal
DVI-OUT	DVI-I output interface for digital signal, able to loop output HDMI or DVI
VGA-IN	VGA analog signal input
VGA-OUT	VGA analog signal loop output
Y,Pb,Pr	Y,Pb,Pr signal input, BNC interface
AV-IN	AV signal input, BNC interface
AV-OUT	AV signal loop output, BNC interface
USB	USB interface used for software upgrade
RS232 IN	Serial input
RS232 OUT	Serial loop output
IR JACK	External interface for remote control, 3.5mm stereo audio interface
ID SW	ID address encoder; the top four are vertical coordinate BCD code; latter four are horizontal coordinate BCD code

Specifications

Model	Joint Monitor	DS-D2049NL-B
Display	Diagonal Size(inch)	49"
	Backlight	LED Backlight (Direct type)
	Resolution	1920×1080
	Color	10Bit(D), 1.07 Billion colors
	Visual Angle	Horizontal:178°, Vertical:178°(CR≥10)
	Response Time	8ms (G to G)
	Contrast	4000:1
	Brightness	500cd/m ²
	Dot Pitch	0.56mm
	Color Saturation	92%
	Screen Moving Area	1073.8mm(H)×604.0(V)mm
Joint Size	Physical Seam	3.5mm
Interface	Input Interface	VGA×1, DVI×1, BNC×1, YPbPr×1, HDMI×1
	Output Interface	VGA×1, DVI×1, BNC×2
	Control Interface	RJ45 for RS-232
Power	Power Consumption	134W
	Power Requirement	100~240VAC,50/60HZ
Working Environment	Working Life	≥60,000 Hours
	Operating Temperature	0℃~40℃
	Operating Humidity	10%~85% (No Condensation)
Physical Features	Frame Width	2.3mm (Left/Upper), 1.2mm (Right/Lower)
	Dimension	1077.6mm×607.8mm×113.57mm (W×H×D)