# HIKVISION

# DS-D2046NH-B/Z
# LCD Display Unit

## Overview

The DS-D2046NH-B/Z LCD display unit adopts the DID ultra-slim panel technology with bi-side seam as only 5.4mm wide between neighboring units. Since it is designed for industrial display, it can work for 60,000 hours far longer than that of common domestic ones. The monitor has a built-in jointing controller enabling the self jointing of the video signal. Besides, it has abundant interfaces for video inputs, as DVI, VGA and YPbPr, and various control methods are supported.

## Key Features

- LED Direct-lit backlight with uniform brightness and no boundary shadow;
- High resolution, and delicate image with rich color;
- Large display area and light weight;
- Long display lifespan;
- Multiple loop output interfaces support self-joint of multiple signals;
- Ultra-slim bi-side seam;
- Multiple jointing methods, applicable for various scenes;
- High definition, high brightness and high color gamut;
- Stable running and low maintenance cost, supporting 24 hours continuous working;
- DID LCD screen with 178° wide angle;
- Intelligent fan with less noise;
- Metal casing enhances the function of anti-radiation, anti-magnetic field and anti-electric field interference;
- Capable of displaying signal source and running status;
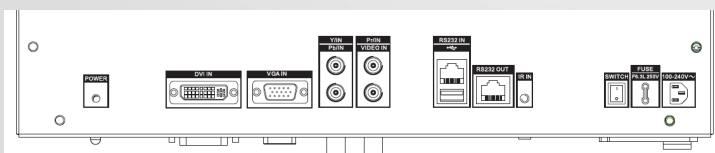- Working humidity: 10%~85%, able to work under harsh environment.
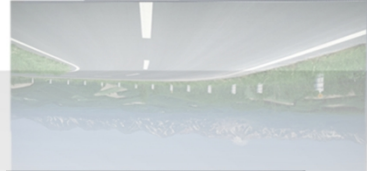
Model:
DS-D2046NH-B/Z

Physical Interface
Real Panel of DS-D2046NH-B/Z

| Name | Description |
|------|-------------|
| POWER LED | Power indicators; red when standby; green when working; orange when fan malfunction; |
| DVI-IN | DVI-I input interface for digital signal |
| VGA-IN | VGA analog signal input |
| YPbPr | YPbPr signal input, BNC interface |
| AV-IN | AV signal input, 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 |

# DS-D2046NH-B/Z
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| Model | LCD Display Unit | DS-D2046NH-B/Z |
|---|---|---|
| Display | Diagonal Size (inch) | 46" |
| | Backlight | LED Backlight (Direct type) |
| | Resolution | 1920*1080 |
| | Color | 16.7M |
| | Visual Angle | Horizontal: 178°, Vertical: 178° |
| | Response Time | 6.5ms (G to G) |
| | Contrast | 4000:1 |
| | Brightness | 700cd/㎡ |
| | Dot Pitch(H×V) | 0.53025mm×0.53025mm (0.021"×0.021") |
| | Color Saturation | 92% |
| | Screen Moving Area(H×V) | 1018.08mm×572.67mm (40.08"×22.55") |
| Side Frame Size | Physical Seam | 5.4 mm |
| Interface | Input Interface | VGA×1, DVI×1, BNC×1, YPbPr×1 |
| | Control Interface | RJ45 for RS-232 |
| Power | Power Consumption | 139W |
| | Power Requirement | 90~264VAC, 50/60Hz |
| Working Environment | Operating Temperature | 0 °C ~ 40 °C (32 °F ~ 104 °F) |
| | Operating Humidity | 10%~85% (No Condensation) |
| | Working Life | ≥60,000 Hours |
| Physical Features | Dimension (W×H×D) | 1023.8mm×578.4mm×113.5mm (40.31"×22.77"×4.48") |
| | Frame Width | 0.09" (Left/Upper), 0.047"(Right/Lower) |

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