

DS-D2046LU-Y LCD Display



The DS-D2046LU-Y LCD display uses an industry-level ultra-narrow bezel design, which enables a bezel width of 3.5 mm between neighboring displays. The adopted direct-lit LED backlighting technology helps achieve ultra-high and uniform brightness of 500 cd/m² without boundary shadows. The display has abundant interfaces for video inputs, such as DVI, VGA, HDMI, and DP.

- 4K signal input, auto loop up to 30 screens with HDMI/DP interfaces
- Switching between three picture modes: Monitoring, Meeting, and Movie
- Factory calibration for color and brightness uniformity
- Direct-lit LED backlight with uniform brightness and no boundary shadows
- 1920 × 1080 resolution, 178° viewing angle
- Ultra-narrow 3.5 mm bezel design
- Anti-glare, high definition, high brightness, high color gamut, and vivid images with rich colors
- Stable and 24-hour continuous working
- Metal casing for preventing from radiation and magnetic & electric field interference
- Wall-mount and modular brackets available to meet various installation requirements



▪ Specification

| Model | | DS-D2046LU-Y |
|---------------------|-------------------------------|--|
| Display | Screen Size | 46 inch |
| | Active Display Area | 1018.08 (H) mm × 572.67 (V) mm |
| | Backlight | Direct-lit LED backlight |
| | Pixel Pitch | 0.53 mm |
| | Physical Seam | 3.5 mm |
| | Bezel Width | 2.3 mm (top/left), 1.2 mm (bottom/right) |
| | Resolution | 1920 × 1080@60 Hz (downward compatible) |
| | Brightness | 500 cd/m ² |
| | Viewing Angle | Horizontal 178°, vertical 178° |
| | Color Depth | 8 bit, 16.7 M |
| | Contrast Ratio | 1200:1 |
| | Response Time | 8 ms |
| | Color Gamut | 72% NTSC |
| | Surface Treatment | Haze 25%, 3H |
| Interface | Video & Audio Input | VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1 |
| | Video & Audio Output | HDMI × 1 |
| | Control Interface | RS232 IN × 1, RS232 OUT × 1 |
| Power | Power Supply | 100-240 VAC, 50/60 Hz |
| | Power Consumption | ≤ 111 W |
| | Standby Consumption | ≤ 0.5 W |
| Working Environment | Working Temperature | 0°C to 40°C (32°F to 104°F) |
| | Working Humidity | 10% to 80% RH (non-condensing) |
| | Storage Temperature | -20°C to 60°C (-4°F to 140°F) |
| | Storage Humidity | 10% to 80% RH (non-condensing) |
| General | Casing Material | SECC |
| | VESA | 600 (H) mm × 400 (V) mm |
| | Product Dimension (W × H × D) | 1021.98 mm × 576.57 mm × 72.25 mm (40.24" × 22.7" × 2.84") |
| | Package Dimension (W × H × D) | Carton with two displays: 1214 mm × 783 mm × 414 mm (47.8" × 30.83" × 16.3") Carton with a single display: 1214 mm × 783 mm × 414 mm (47.8" × 30.83" × 16.3") |
| | Net Weight | 19.8 ± 0.5 kg (43.65 ± 1.1 lb) for single display |
| | Gross Weight | Carton with two displays: 48.5 ± 0.5 kg (106.92 ± 1.1 lb) Carton with a single display: 24.42 ± 0.5 kg (53.84 ± 1.1 lb) |

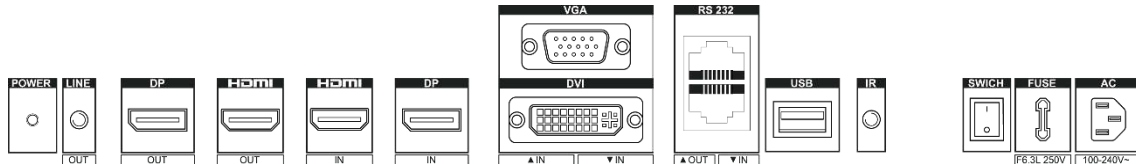
Packing List

LCD display × 1, power cable × 1, network cable × 1, 2-meter HDMI cable × 1, screw × 4, remote control × 1, IR receiver × 1, CD-ROM × 1, RS-232 converter × 1, quick start guide × 1

Available Model

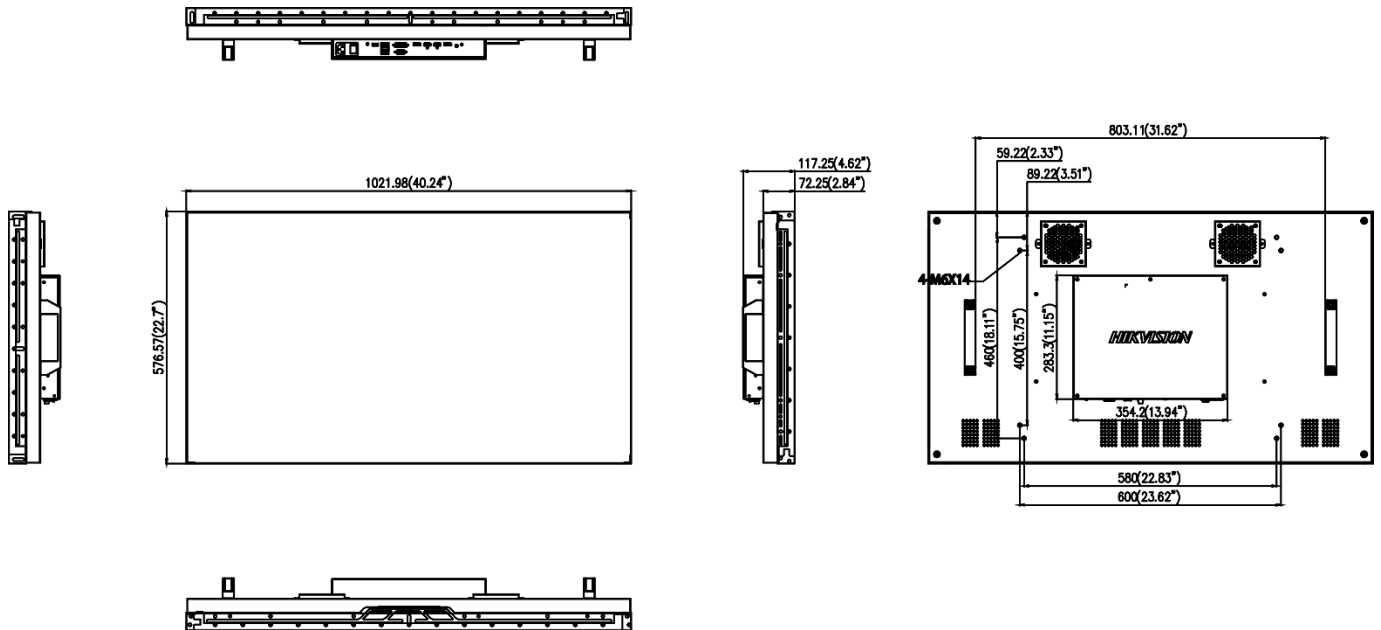
DS-D2046LU-Y

Physical Interface

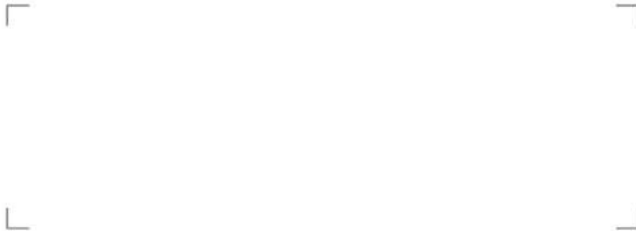


| Interface | Description | Interface | Description |
|-----------|---|------------|---|
| POWER | Power indicator | DVI IN | DVI-I input interface for digital signals |
| LINE OUT | Audio output interface for analog signals | RS 232 OUT | Serial loopback output interface |
| DP OUT | DP output interface for digital signals | RS 232 IN | Serial input interface |
| HDMI OUT | HDMI output interface for digital signals | USB | USB interface |
| HDMI IN | HDMI input interface for digital signals | IR | IR input interface |
| DP IN | DP input interface for digital signals | SWITCH | Switch button |
| VGA IN | VGA input interface for analog signals | - | - |

Dimension



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