

# DHI-LM49-EW410CA

Dahua 49" DQHD Gaming Monitor



## Technical Specification

### Display

|                      |                                       |
|----------------------|---------------------------------------|
| Model                | DHI-LM49-EW410CA                      |
| LCD Technology       | VA                                    |
| Backlight            | ELED                                  |
| Curved Screen        | Yes                                   |
| Curvature            | 1,800 R                               |
| Screen Size          | 49 inch                               |
| Aspect Ratio         | 32:9                                  |
| Viewing Size         | 1,191.936 (H) × 335.232 (V) mm        |
| Screen-to-Body Ratio | ≥90%                                  |
| Viewing Angle        | 178° (H) / 178° (V)                   |
| Display Mode         | Horizontal                            |
| Pixel Pitch          | 0.2382 mm × 0.2382 mm (0.01" × 0.01") |
| Pixels Per Inch      | 108.54                                |
| Resolution           | 5120 (H) × 1440 (V)                   |
| Refresh Rate         | 120 Hz                                |
| Display Color        | 8 bit                                 |
| Color Gamut          | 85% NTSC                              |
| Brightness           | 400 cd/m <sup>2</sup> (max)           |
| Contrast Ratio       | 3000:1                                |
| Response Time        | MPRT 1 ms                             |
| Lifespan             | 30,000 hrs                            |
| Surface Treatment    | Haze 25%, 3H                          |

- With DQHD resolution, the 32:9 ultra-wide screen offers a broader field of view, making it easy to display game maps and business reports.
- Designed with a 1800R curvature, the device provides an unparalleled immersive experience with depth in its visuals.
- With a wide color gamut of 99% sRGB and 85% NTSC, as well as an average color accuracy of  $\Delta E < 2$ , the device ensures that visuals are accurately displayed in rich colors.
- Equipped with a USB-C port, it easily connects to laptops, smartphones, tablets, and other mobile devices, allowing seamless screen sharing on a large display, while enhancing your web browsing and entertainment experience. It also supports up to 65 W power output for charging mobile devices.
- The RJ-45 port supports network signal transmission, allowing the device to be connected to laptops that do not have Ethernet ports.
- Supports Picture-by-Picture (PBP), allowing two signals from channels to be processed and displayed on the screen simultaneously, enabling you to conveniently watch movies, play games, and enjoy other forms of entertainment at the same time.
- Easily switches to blue light mode to help reduce eye strain and make your viewing experience more comfortable.
- The ergonomic stand can be adjusted horizontally and tilted forward and backward, providing you with a comfortable entertainment experience.

|                         |     |
|-------------------------|-----|
| Flicker-free Technology | Yes |
| Low Blue Light          | Yes |

### Function

|     |     |
|-----|-----|
| HDR | Yes |
|-----|-----|

### Device Ports

|                       |                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------|
| Input Port            | 1 × DP 1.4 (5120 × 1440@120 Hz), 1 × HDMI 2.1 TMDS (5120 × 1440@60 Hz), 1 × Type-C (5120 × 1440@120 Hz) |
| Output Port           | 1 × Audio out                                                                                           |
| External Control Port | 1 × R-J45, 1 × USB 2.0-B (Upstream), 2 × USB 2.0-A (Downstream)                                         |
| Speaker               | 2 × 3 W                                                                                                 |

### Power & Environmental Conditions

|                   |                                        |
|-------------------|----------------------------------------|
| Power Supply      | 100–240 VAC (±10%), 50/60 Hz           |
| Power Type        | Built-in Power                         |
| Power Consumption | 42 W (basic), 72 W (typ.), 180 W (max) |

DHI-LM49-EW410CA

|                           |                                     |
|---------------------------|-------------------------------------|
| Standby Power Consumption | <0.5 W                              |
| Operating Temperature     | 0 °C to +40 °C (+32 °F to +104 °F)  |
| Operating Humidity        | 10%–85% (RH)                        |
| Storage Temperature       | –20 °C to +60 °C (–4 °F to +140 °F) |
| Storage Humidity          | 5%–90% (RH), non-condensing         |

General

|                               |                                                                                                               |
|-------------------------------|---------------------------------------------------------------------------------------------------------------|
| Inclined Angle                | -5° ± 2° / 15° ± 2°                                                                                           |
| Left and Right Rotation Angle | -15° / +15°                                                                                                   |
| Height Adjustment             | 95 ± 5 mm (3.74" ± 0.20")                                                                                     |
| Product Dimensions            | 1,198.5 mm × 375.6 mm × 160.2 mm (47.19" × 14.79" × 6.31") (W × H × D), without wall-mount bracket            |
| Package Size                  | 1,305 mm × 486 mm × 284 mm (51.38" × 19.13" × 11.18") (W × H × D)                                             |
| Frame Width                   | U/L/R/D: 3.2 mm/3.3 mm/3.3 mm/17.6 mm (0.13"/0.13"/0.13"/0.69")                                               |
| Net Weight                    | 11.5 kg (25.35 lb)                                                                                            |
| Gross Weight                  | 15.6 kg (34.39 lb)                                                                                            |
| Casing Color                  | Black                                                                                                         |
| Control Mode                  | Five-button                                                                                                   |
| Wall Mount VESA               | 75 mm × 75 mm (2.95" × 2.95")                                                                                 |
| Accessory                     | Base, Power cord, DP cable, Type-C cable, user's manual (QR code), QSG, legal and regulatory information etc. |
| Optional Accessory            | Wall mount                                                                                                    |

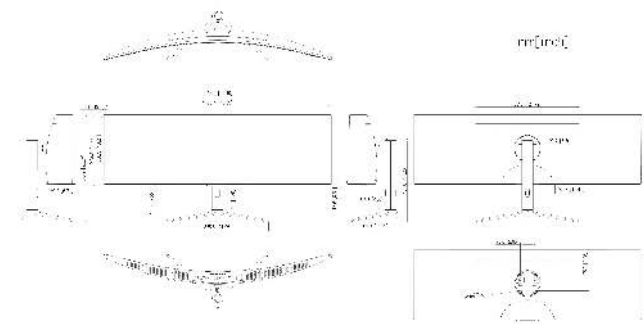
Certification

|                |                        |
|----------------|------------------------|
| Certifications | CE EMC, CE LVD, CE ERP |
|----------------|------------------------|

Ordering Information

| Type           | Model            | Description                   |
|----------------|------------------|-------------------------------|
| Gaming Monitor | DHI-LM49-EW410CA | Dahua 49" DQHD Gaming Monitor |

Dimensions (mm[inch])



Panels

