

DHI-LM49-EW410CA

Dahua 49" DQHD Gaming Monitor



Technical Specification

Display

Model	DHI-LM49-EW410CA
LCD Technology	VA
Backlight	ELED
Curved Screen	Yes
Curvature	1,500 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
Color Accuracy	$\Delta E < 2$
Brightness	400 cd/m ² (max)
Contrast Ratio	3000:1
Response Time	MPRT 1 ms
Lifespan	30,000 hrs

- 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 1500R 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, vertically, and tilted forward and backward, providing you with a comfortable entertainment experience.

Surface Treatment	Haze 25%, 3H
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

DHI-LM49-EW410CA

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)
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])

