

DHI-LM24-A221Y

Dahua 23.8 inch FHD Monitor



Technical Specification

Display

Model	DHI-LM24-A221Y
LCD Technology	IPS
Backlight	ELED
Screen Size	23.8 inch
Aspect Ratio	16:9
Viewing Size	527.04 (H) × 296.46 (V) mm
Screen-to-Body Ratio	≥85%
Viewing Angle	178° (H)/178° (V)
Display Mode	Horizontal
Pixel Pitch	0.2745 mm × 0.2745 mm
Pixels Per Inch	92.56
Resolution	1920 (H) × 1080 (V)
Refresh Rate	120 Hz, overlocked to 144 Hz
Display Color	6 bit + FRC
Color Gamut	72% NTSC (typ.)
Brightness	250 cd/m ² (typ.)
Contrast Ratio	1200:1
Response Time	OD 5 ms (MPRT 1 ms)
Lifespan	30,000 hrs
Operation Hours	7 × 16 H
Surface Treatment	Haze 25%, 3H
Flicker-free Technology	Yes

- Light and cost-effective plastic housing.
- Ultra-narrow bezel , elegant appearance, plastic base.
- Support multiple signal inputs such as HDMI, VGA.
- 144Hz high refresh rate.
- 1ms rapid response time.



Device Ports

Input Port	1 × VGA (1920 × 1080@75 Hz), 1 × HDMI 1.4 (1920 × 1080@144 Hz),
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Power & Environmental Conditions

Power Supply	12 VDC, 2 A
Power Type	Power adapter
Power Consumption	16.5 W (basic), 21.2 W (typ.), 22.0 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)

General

Inclined Angle	-5°/20°
Product Dimensions	542.1 mm × 322.4 mm × 47.6 mm (21.34" × 12.70" × 1.87") (W × H × D), without wall-mount bracket
Package Size	602 mm × 412 mm × 120 mm (23.70" × 16.22" × 4.72") (W × H × D)
Frame Width	U/L/R/D: 2.3 mm/3.6 mm/3.6 mm/16.8 mm
Net Weight	2.8 kg (6.17 lb)
Gross Weight	3.9 kg (8.60 lb)
Casing Color	Black
Control Mode	Joystick
Status Indicator Light	Yes
Wall Mount VESA	100 mm × 100 mm (3.94" × 3.94")
Accessory	Power adapter, base, HDMI cable, user's manual(QR code), Energy efficiency label , QSG, legal and regulatory information etc.
Optional Accessory	Wall mount

DHI-LM24-A221Y

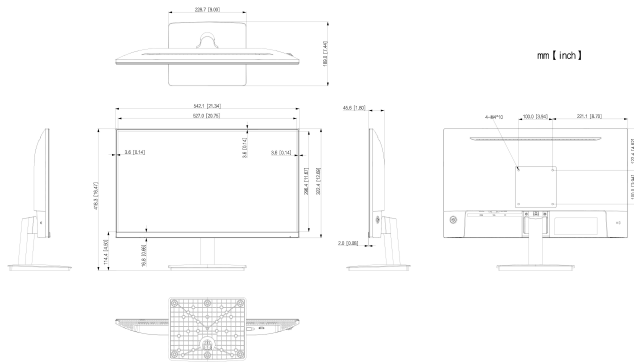
Certification

Certifications	CE EMC, CE LVD, CE ERP
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Ordering Information

Type	Model	Description
LED Monitor	DHI-LM24-A221Y	Dahua 23.8 inch FHD Monitor

Dimensions (mm[inch])



Panels

