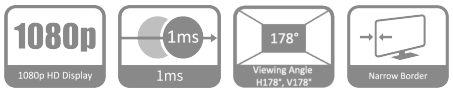
DHI-LM24-B221

Dahua 23.8" FHD Commercial Monitor

- The 144Hz refresh rate provides an instant, tangible improvement in image smoothness.
- The IPS panel technology offers accurate and consistent colour reproduction with wide viewing angles.
- 1ms fast response time with no image blurring or ghosting.
- Low blue light technology can support a comfortable viewing experience.



Technical Specification

Display

Model	DHI-LM24-B221
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	≥90%
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	144 Hz
Display Color	16.7M colors
Color Gamut	72% NTSC
Brightness	250 cd/m² (typ.)
Contrast Ratio	1200:1
Response Time	MPRT 1 ms
Operation Hours	7 × 16 H
Lifespan	30,000 hrs
Surface Treatment	Haze 25%, 3H
Low Blue Light	Software blue light protection

Device Ports

Input Port	1 × HDMI 2.0 (1920 × 1080@144 Hz), 1 ×DP 1.4 (1920 × 1080@144 Hz)
Output Port	1 × Audio out

Power & Environmental Conditions

Power Supply	12 VDC, 2.5 A
Power Consumption	18 W (basic), 19 W (typ.), 21 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° / 15°
Product Dimensions	539.2 mm × 320.4 mm × 39.1 mm (21.23" × 12.61" × 1.54") (W × H × D), without wall-mount bracket
Package Size	612 mm × 405 mm × 101 mm (24.09" × 15.94" × 3.98") (W × H × D)
Frame Width	U/L/R/D: 2.1 mm/2.1 mm/2.1 mm/15.9 mm
Net Weight	2.82 kg (6.22 lb)
Gross Weight	3.84 kg (8.47 lb)
Casing Color	Black
Control Mode	Five-button
Status Indicator Light	Yes
Wall Mount VESA	75 mm × 75 mm (2.95" × 2.95")
Accessory	Power adapter, base, HDMI cable, user's manual (QR code), legal and regulatory information, etc.
Optional Accessory	Wall mount

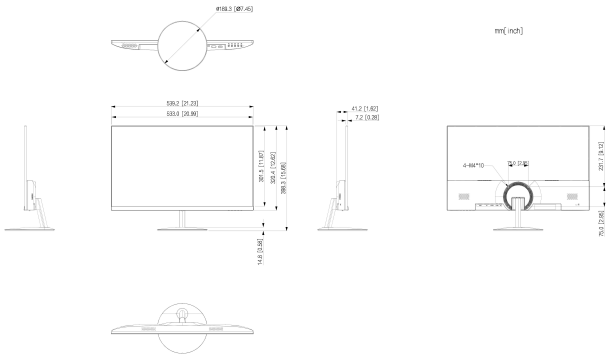
Certification

Certifications	CE EMC, CE LVD, CE ERP

Ordering Information

Type	Model	Description
LED Monitor	DHI-LM24-B221	Dahua 23.8" FHD Commercial Monitor

Dimensions (mm[inch])



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