

DHI-LM24-B221S

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-B221S
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/m ² (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
Speaker	2 × 1 W

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

DHI-LM24-B221S

Certification

Certifications	CE EMC, CE LVD, CE ERP
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Ordering Information

Type	Model	Description
LED Monitor	DHI-LM24-B221S	Dahua 23.8" FHD Commercial Monitor

Dimensions (mm[inch])

