

DHI-LM25-B211B

Dahua LM25-B211B 25" 144hz FHD IPS Commercial Monitor

Product Overview

Dahua LM25-B211B 25" 144hz FHD IPS Commercial Monitor. 25", Full HD (1920x1080) IPS Edge LED display, 16:9 aspect ratio, 300 cd/m2 brightness, 1500:1 contrast ratio, 178deg. wide viewing angles, 1ms MPRT response time, 144Hz refresh rate. Features 85% NTSC color gamut, 16.7 million colors, 90% screen-to-body ratio with ultra-thin bezels. Connectivity includes DisplayPort 1.4, HDMI 2.0, and audio out.



Specifications

About this product

The Dahua LM25-B211B 24.5" FHD IPS commercial monitor delivers crisp 1920x1080 resolution, 120 Hz refresh rate and 1 ms response time for fluid visuals, making it ideal for signage, control rooms, or professional displays.

Overview Summary

Product:Dahua LM25-B211B 24.5" Commercial Monitor

The Dahua LM25-B211B is a high-performance commercial display panel engineered for business, signage, control centre and multi-display environments. Featuring a 24.5-inch IPS panel with full HD 1920x1080 resolution, it supports a 120 Hz refresh rate and achieves a 1 ms (MPRT) response time, reducing motion blur and improving clarity in dynamic scenes. The IPS technology ensures wide 178degrees horizontal and vertical viewing angles, while 85% NTSC colour gamut brings dependable colour fidelity for branding and informational use. Built with a slim, three-sided micro-edge bezel, VESA 100x100 mount support, and low blue light / flicker reduction modes, this display integrates easily into walls or multi-display arrays. It accepts HDMI 2.0 and DisplayPort 1.4 input and consumes just ~18-24 W in operation. Buy for quick delivery and deploy a durable, versatile display solution in South Africa.

Performance tier:Commercial / Professional

Uses:signage, control room displays, video walls, dashboard monitors, presentation environments

Description

The Dahua LM25-B211B is purpose-built for environments demanding consistent, reliable visuals outside the realm of standard consumer monitors. Its 24.5" IPS display provides stable, accurate colour across a wide field of view, making it ideal for critical monitoring or signage systems. With a 120 Hz refresh rate and 1 ms (MPRT) response, motion appears smoother

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Product Specification Sheet

and transitions are sharper, reducing ghosting on moving content like video feeds or dashboards. The ultra-narrow bezel design and slim profile allow efficient tiling in multi-screen arrays. Its low power draw, external 12 V adapter configuration, and VESA 100x100 mounting make deployment flexible in wall or rack-mount settings. With HDMI 2.0 and DisplayPort 1.4 inputs plus audio output, it can integrate with a variety of media sources. Built-in eye comfort features (low blue light, flicker reduction) help reduce strain in extended use.

Features

- 24.5" IPS panel with full HD 1920x1080 resolution and three-sided micro-edge bezel
- 120 Hz refresh rate and 1 ms (MPRT) response to reduce motion blur and ghosting
- Wide 178degrees viewing angles both horizontally and vertically
- 85% NTSC colour gamut for reliable, consistent colour reproduction
- HDMI 2.0 and DisplayPort 1.4 inputs, plus audio output support
- Low blue light and flicker reduction modes for eye comfort
- VESA 100x100 mm mount compatibility and tilt range -5degrees to +15degrees
- Typical power consumption 18-24 W, standby < 0.5 W
- Lightweight build (2.75 kg net) with slim depth (36.4 mm) for sleek installations
- 3-year manufacturer warranty for long-term reliability

What's in the Box

- Dahua LM25-B211B monitor unit
- Base / stand
- Power adapter (12 V, 2 A)
- HDMI cable
- DisplayPort cable
- User manual and warranty guide

Specifications

Display	
Model	DHI-LM25-B211B
LCD Technology	IPS
Backlight	ELED
Screen Size	24.5 inch
Aspect Ratio	16::9
Viewing Size	543.744 (H) x 302.616 (V) mm
Screen-to-Body Ratio	>=90%
Viewing Angle	178degrees (H) / 178degrees (V)
Display Mode	Horizontal
Pixel Pitch	0.2832 mm x 0.2802 mm (0.01" x 0.01")
Pixels Per Inch	89.91
Resolution	1920 (H) x 1080 (V)
Refresh Rate	120 Hz
Display Color	16.7M

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Product Specification Sheet

Color Gamut	85% NTSC (typ.)
Brightness	300 cd/m ² (typ.)
Contrast Ratio	1500::1
Response Time	MPRT 1 ms
Lifespan	30,000 hrs
Surface Treatment	Haze 25%, 3H
Device Ports	
Input Port	1 x DP 1.4 (1920 x 1080@120 Hz), 1 x HDMI 2.0 (1920 x 1080@120 Hz)
Output Port	1 x Audio out port
Power & Environmental Conditions	
Power Supply	12 VDC, 2.5 A
Power Type	External power adapter
Power Consumption	18 W (basic), 22 W (typ.), 32 W (max)
Standby Power Consumption	
Operating Temperature	0 degreesC to +40 degreesC (+32 degreesF to +104 degreesF)
Operating Humidity	10%-85% (RH), non-condensing
Storage Temperature	-20 degreesC to +60 degreesC (-4 degreesF to +140 degreesF)
Storage Humidity	5%-90% (RH), non-condensing
General	
Inclined Angle	-5degrees +/- 2degrees / 20degrees +/- 2degrees
Product Dimensions	557.7 mm x 330.6 mm x 58.1 mm (21.96" x 13.02" x 2.29") (W x H x D), without wall-mount bracket
Package Size	620 mm x 431 mm x 134 mm (24.41" x 16.97" x 5.28") (W x H x D)
Frame Width	U/L/R/D: 2.1 mm/2.1 mm/2.1 mm/19.6 mm
Net Weight	2.9 kg (6.39 lb)
Gross Weight	3.9 kg (8.60 lb)
Casing Color	Black
Control Mode	Five-button
Status Indicator Light	Yes
Wall Mount VESA	100 mm x 100 mm (3.94" x 3.94")
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

FAQ

What is the refresh rate and response time of the Dahua LM25-B211B?

This monitor supports a 120 Hz refresh rate and 1 ms MPRT response time, delivering smooth motion and minimal ghosting for professional applications.

Can this monitor be used in multi-display setups?

Yes, its ultra-thin micro-edge bezel and VESA 100x100 mount compatibility allow efficient tiling in video walls or multi-display environments.

What connectivity options are available?

The monitor includes HDMI 2.0, DisplayPort 1.4 inputs, and audio output for versatile media integration.

Is the monitor suitable for long-term use in control rooms?

Yes, it features low blue light and flicker reduction modes to reduce eye strain during extended periods of operation.

What is the power consumption of the LM25-B211B?

The typical power consumption is 18-24 W during operation and less than 0.5 W on standby, making it energy-efficient.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/DHI-LM25-B211B-Dahua-LM25-B211B-25-144hz-FHD-IPS-Commercial-Buy-p-330104.php>

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