

DHI-LM27-B221S

Dahua 27" FHD Commercial Monitor



Technical Specification

Display

Model	DHI-LM27-B221S
LCD Technology	IPS
Backlight	ELED
Screen Size	27 inch
Aspect Ratio	16:9
Viewing Size	597.888 (H) × 336.312 (V) mm
Screen-to-Body Ratio	≥90%
Viewing Angle	178° (H) / 178° (V)
Display Mode	Horizontal
Pixel Pitch	0.3114 mm × 0.3114 mm
Pixels Per Inch	81.59
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

- 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.



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, 3 A
Power Consumption	21 W (basic), 27 W (typ.), 29 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	614.1 mm × 363.0 mm × 45.1 mm (24.18" × 14.29" × 1.78") (W × H × D), without wall-mount bracket
Package Size	694 mm × 458 mm × 114 mm (27.32" × 18.03" × 4.49") (W × H × D)
Frame Width	U/L/R/D: 1.9 mm/1.9 mm/1.9 mm/16.1 mm
Net Weight	3.84 kg (8.47 lb)
Gross Weight	5.29 kg (11.57 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-LM27-B221S

Certification

Certifications	CE EMC, CE LVD, CE ERP
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Ordering Information

Type	Model	Description
LED Monitor	DHI-LM27-B221S	Dahua 27" FHD Commercial Monitor

Dimensions (mm[inch])

