

DHI-LM27-P501

Dahua 27-inch 5K Monitor



Technical Specification

Display

Model	DHI-LM27-P501
LCD Technology	IPS
Backlight	ELED
Screen Size	27 inch
Aspect Ratio	16:9
Viewing Size	596.736 (H) × 335.664 (V) mm
Screen-to-Body Ratio	≥90%
Pixel Pitch	0.11655 mm × 0.11655 mm (0.0046" × 0.0046")
Pixels Per Inch	217.57
Resolution	5120 (H) × 2880 (V)
Refresh Rate	60 Hz
Display Color	8 bit + FRC
Color Gamut	98% DCI-P3
Brightness	400 cd/m ² (max)
Contrast Ratio	2000: 1
Viewing Angle	178° (H) / 178° (V)
Display Mode	Horizontal
Response Time	OD 5 ms
Operation Hours	7 × 16 H
Lifespan	30,000 hrs
Low Blue Light	Software blue light protection

Function

HDR	HDR10
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- The 5120 × 2880 resolution produces clearer and more vivid images.
- 178° (H) / 178° (V) extra-wide viewing angle for overall viewing performance.
- High fidelity digital processing for a brilliant and vivid video.
- Supports multiple signal inputs such as HDMI, DP and Type-c.
- Type-c reverse charge 65 W.

Device Ports

Input Port	1 × HDMI 2.0 (3840 × 2160@60 Hz), 1 × DP 1.4 (5120 × 2880@60 Hz), 1 × Type C 65W
Output Port	1 × Audio out

Power & Environmental Conditions

Power Supply	24 VDC, 5 A
Power Type	power adapter
Power Consumption	25 W (basic), 41 W (typ.), 120 W (max)
Standby Power Consumption	≤0.5 W
Operating Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Operating Humidity	10%–90% (RH)
Storage Temperature	–20 °C to +60 °C (–4 °F to +140 °F)
Storage Humidity	5%–90% (RH)

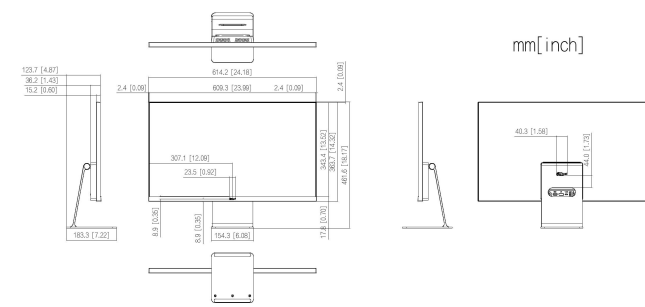
General

Inclined Angle	–5° ± 2° / 18° ± 2°
Product Dimensions	614.2 mm × 363.7 mm × 36.2 mm (24.18" × 14.32" × 1.43") (W × H × D) without base
Package Size	702 mm × 533 mm × 138 mm (27.64" × 20.99" × 5.44") (W × H × D)
Frame Width	U/L/R/D: 2.4 mm/2.4 mm/2.4 mm/17.8 mm
Net Weight	5.78 kg (12.74 lb)
Gross Weight	8 kg (17.64 lb)
Casing Color	Silver
Control Mode	Remote control
Status Indicator Light	Yes
Accessory	Power adapter, base, HDMI cable, user's manual (QR code), QSG, legal and regulatory information, etc.

Certification

Certifications	CE EMC, CE LVD, CE ERP
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Dimensions (mm[inch])



Ordering Information		
Type	Model	Description
LED Monitor	DHI-LM27-P501	Dahua 27-inch 5K Monitor