

# DHI-LM55-S400N

Dahua 55" UHD LED Monitor



## Series Overview

The Dahua Ultra Series CCTV Monitor features an industrial-grade high-brightness panel, delivering UHD resolution for vibrant and clear visuals. Available in sizes from 43" to 98", it offers a range of rich video interfaces. This series is extensively used in conference rooms, monitoring rooms, exhibition halls, retail stores, and various indoor display scenes.

## Technical Specification

### Display

Model	DHI-LM55-S400N
LCD Technology	IPS
Backlight	DLED
Screen Size	55 inch
Aspect Ratio	16:9
Viewing Size	1209.6 (H) × 680.4 (V) mm
Screen-to-Body Ratio	≥90%
Viewing Angle	178° (H)/178° (V)
Display Mode	Horizontal
Pixel Pitch	0.3150 mm × 0.3150 mm
Pixels Per Inch	80.7
Resolution	3840 (H) × 2160 (V)
Refresh Rate	60 Hz
Display Color	1.07G (8 bits + FRC)
Color Gamut	72% NTSC
Brightness	500 cd/m <sup>2</sup>
Contrast Ratio	1200:1

- Elegant, robust design with four-side ultra-narrow bezels and a full-metal body.
- Engineered for 24/7 operation with a professional-grade anti-glare panel and dedicated power supply.
- Advanced thermal system maintains stable performance through optimized airflow.
- True-color consistency across a 178° viewing angle, free from shift or distortion.
- Offers flexible control via seven-button operation or remote control management.
- Integrated dual stereo speakers deliver clear audio without external devices.
- Energy-efficient design preserves vivid visuals while reducing power consumption.



Response Time	8 ms
Lifespan	30,000 hrs
Operation Hours	7 × 24 H
Surface Treatment	Haze 25%, 3H
Low Blue Light	Software blue light protection

### Device Ports

Input Port	2 × HDMI 2.0 (3840 × 2160@60 Hz), 1 × DP 1.4 (3840 × 2160@60 Hz), 1 × DVI (3840 × 2160@30 Hz), 1 × VGA (1920 × 1080@60 Hz), 1 × USB 2.0, 1 × Audio in, 1 × RS-232 in
Output Port	1 × RS-232 out
Speaker	2 × 10 W

### Power & Environmental Conditions

Power Supply	100–240 VAC (±10%), 50/60 Hz
Power Type	Built-in Power
Power Consumption	100 W (basic), 116 W (typ.), 125 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)

# Ultra Series | DHI-LM55-S400N

## General

Product Dimensions	1,234.6 mm × 705.4 mm × 57.5 mm (48.61" × 27.77" × 2.26") (W × H × D), without wall-mount bracket
Package Size	1,335 mm × 835 mm × 160 mm (52.56" × 32.87" × 6.30") (W × H × D)
Frame Width	U/L/R/D: 9.9 mm/9.9 mm/9.9 mm/9.9 mm (0.39"/0.39"/0.39"/0.39")
Net Weight	16 kg (35.27 lb)
Gross Weight	19.5 kg (42.99 lb)
Casing Color	Black
Control Mode	Seven-button / Remote Control
Wall Mount VESA	400 mm × 400 mm (15.75" × 15.75")
Accessory	Power cord, wall-mount bracket, HDMI cable, remote control, user's manual, legal and regulatory information etc.

## Certification

Certifications	CE EMC, CE LVD, CE ERP
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## Panels



## Ordering Information

Type	Model	Description
LED Monitor	DHI-LM55-S400N	Dahua 55" UHD LED Monitor

## Dimensions (mm[inch])

