

DHI-LM86-S400N

Dahua 86" 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-LM86-S400N
LCD Technology	IPS
Backlight	DLED
Screen Size	86 inch
Aspect Ratio	16:9
Viewing Size	1895.04 (H) × 1065.96 (V) mm
Screen-to-Body Ratio	≥90%
Viewing Angle	178° (H)/178° (V)
Display Mode	Horizontal
Pixel Pitch	0.4935 mm × 0.4935 mm
Pixels Per Inch	51.5
Resolution	3840 (H) × 2160 (V)
Refresh Rate	60 Hz
Display Color	1.07G (8 bits + FRC)
Color Gamut	72% NTSC
Brightness	500 cd/m ²
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 1.2 (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 × 15 W

Power & Environmental Conditions

Power Supply	100–240 VAC (±10%), 50/60 Hz
Power Type	Built-in Power
Power Consumption	291 W (basic), 366 W (typ.), 390 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

Product Dimensions	1,952.9 mm × 1,123.3 mm × 83.5 mm (76.89" × 44.23" × 3.29") (W × H × D), without wall-mount bracket
Package Size	2,100 mm × 1,270 mm × 225 mm (82.68" × 50.00" × 8.86") (W × H × D)
Frame Width	U/L/R/D: 27.2 mm/27.2 mm/27.2 mm/27.2 mm (1.07"/1.07"/1.07"/1.07")
Net Weight	45.7 kg (100.75 lb)
Gross Weight	56.88 kg (125.40 lb)
Casing Color	Black
Control Mode	Seven-button / Remote Control
Wall Mount VESA	800 mm × 400 mm (31.50" × 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-LM86-S400N	Dahua 86" UHD LED Monitor

Dimensions (mm[inch])

