

DHI-LM86-S400

Dahua 86 inch LED Monitor



Series Overview

The Dahua Ultra Series Oversized Monitor is designed with an industrial LCD panel, delivering UHD resolution for vibrant and clear visuals. Available in 75", 86", and 98" sizes, 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-S400
LCD Technology	IPS
Backlight	DLED
Screen Size	86 inch
Aspect Ratio	16:9
Viewing Size	1895.04 (H) × 1065.96 (V)
Screen-to-Body Ratio	≥90%
Viewing Angle	178° (H) / 178° (V)
Display Mode	Horizontal
Pixel Pitch	0.4296 mm × 0.4296 mm
Pixels Per Inch	51.5
Resolution	3840 (H) × 2160 (V)
Refresh Rate	60 Hz
Display Color	10 bit
Brightness	350 cd/m ² (typ.)
Contrast Ratio	1,100:1
Response Time	8 ms

- 4K Ultra-HD resolution
- Anti-glare panel, suitable for continuous 24/7 operation
- 178°/178° extra-wide viewing angle for overall viewing performance
- High fidelity digital processing for a brilliant and vivid video
- 8ms response time for no motion blur, judder or ghosting
- Support HDMI, DP, VGA and other signal input
- Built-in speaker
- Infrared remote control



Lifespan	30,000 hrs
Surface Treatment	Haze 28%, 2H

Device Ports

Input Port	DP × 1, HDMI × 2, VGA × 1, USB × 1, audio × 1, RS-232 in × 1
Output Port	RS232 out × 1
Speaker	10 W × 2

Power & Environmental Conditions

Power Supply	100~240 VAC (±10%), 50/60 Hz
Power Type	Built-in Power
Power Consumption	170 W (basic), 320 W (typ.), 360 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	1,952.8 mm × 1,123.4 mm × 78.9 mm (76.88" × 44.23" × 3.11") (W × H × D), without wall-mount bracket
Package Size	2,100 mm × 1,270 mm × 225 mm (82.68" × 50" × 8.86") (W × H × D)
Frame Width	U/L/R/D:27.2 mm/27.2 mm/27.2 mm/27.2 mm
Net Weight	46.5 kg (102.52 lb)
Gross Weight	66 kg (145.51 lb)
Casing Color	Black
Control Mode	Seven-button / Remote Control
Wall Mount VESA	800 mm × 400 mm (31.50"×15.75")

Ultra Series | DHI-LM86-S400

Accessory	Power cord, wall-mount bracket, HDMI cable, remote control, user's manual, legal and regulatory information etc.
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Certification

Certifications	CE EMC, CE LVD, CE ERP
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Ordering Information

Type	Model	Description
LED Monitor	DHI-LM86-S400	Dahua 86 inch LED Monitor

Dimensions (mm[inch])

