alhua
TECHNOLOGY

DHI-LM50-F400N

Dahua 50" UHD LED Monitor

- 4K Ultra-HD resolution
- IPS panel, suitable for continuous 24/7 operation
- Ultra-narrow bezel design, elegant appearance
- 178°H/178°V 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 multiple signal interfaces including HDMI, VGA, USB, etc.
- Built-in speaker

Series Overview

The Dahua F400N Series monitor comes with a stunning 4K high definition panel and is engineered to deliver exceptional performance 24/7. With its sleek plastic shell and elegant 3-side narrow frame design, it is visually appealing. Furthermore, it seamlessly integrates with various Dahua backend security devices, making it an ideal choice for both desktop and wall mount installation in the security industry.

Response Time	8 ms
Lifespan	30000 hrs
Surface Treatment	Haze 25%, 3H
Flicker-free Technology	Yes
Low Blue Light	Software blue light protection

Device Ports

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

Technical Specification

Display

Model	DHI-LM50-F400N
LCD Technology	IPS
Backlight	DLED
Screen Size	50 inch
Aspect Ratio	16:9
Viewing Size	1095.84 (W) × 616.41 (H) mm
Screen-to-Body Ratio	≥95%
Viewing Angle	178° (H) / 178° (V)
Display Mode	Horizontal
Pixel Pitch	0.285 mm × 0.285 mm
Pixels Per Inch	89
Resolution	3840 (H) × 2160 (V)
Refresh Rate	60 Hz
Display Color	8 bit + FRC
Color Gamut	72% NTSC
Brightness	400 cd/m² (typ.)
Contrast Ratio	1200:1

Power & Environmental Conditions

Power Supply	100–240 VAC (±10%), 50/60 Hz
Power Type	Built-in Power
Power Consumption	64 W (basic), 89 W (typ.), 94 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	1,110.6 mm × 641.0 mm × 81.7 mm (43.73" × 25.24" × 3.22") (W × H × D), without base
Package Size	1,190 mm × 750 mm × 125 mm (46.85" × 29.53" × 4.92") (W × H × D)
Frame Width	U/L/R/D: 1.1 mm/1.1 mm/1.1 mm/15.3 mm
Net Weight	8.60 kg (18.96 lb)

Gross Weight	11.60 kg (25.57 lb)
Casing Color	Black
Control Mode	Remote Control, RS-232
Status Indicator Light	Yes
Wall Mount VESA	200 mm × 300 mm (7.87" × 11.81")
Accessory	Power cord, base, HDMI cable, remote control, user's manual, legal and regulatory information etc.
Optional Accessory	Wall mount

Certification

Certifications	CE EMC, CE LVD, CE ERP

Ordering Information

Type	Model	Description
LED Monitor	DHI-LM50-F400N	Dahua 50" UHD LED Monitor

Dimensions (mm[inch])