

# DHI-LM55-F400N

Dahua 55" UHD LED Monitor



## 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.

## Technical Specification

### Display

Model	DHI-LM55-F400N
LCD Technology	VA
Backlight	DLED
Screen Size	55 inch
Aspect Ratio	16:9
Viewing Size	1209.6 (W) × 680.4 (H) mm
Screen-to-Body Ratio	≥95%
Viewing Angle	178° (H) / 178° (V)
Display Mode	Horizontal
Pixel Pitch	0.315 mm × 0.315 mm
Pixels Per Inch	80.7
Resolution	3840 (H) × 2160 (V)
Refresh Rate	60 Hz
Display Color	8 bit + FRC
Color Gamut	72% NTSC
Brightness	400 cd/m <sup>2</sup> (typ.)
Contrast Ratio	5000:1

- 4K Ultra-HD resolution
- VA 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
- 6.5ms response time for no motion blur, judder or ghosting
- Support multiple signal interfaces including HDMI, VGA, USB, etc.
- Built-in speaker



Response Time	6.5 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

### Power & Environmental Conditions

Power Supply	100–240 VAC (±10%), 50/60 Hz
Power Type	Built-in Power
Power Consumption	72 W (basic), 98 W (typ.), 104 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	1,225.6 mm × 705.3 mm × 81.6 mm (48.25" × 27.77" × 3.21") (W × H × D), without base
Package Size	1,320 mm × 805 mm × 125 mm (51.97" × 35.63" × 4.92") (W × H × D)
Frame Width	U/L/R/D: 1.1 mm/1.1 mm/1.1 mm/14.8 mm
Net Weight	9.85 kg (21.72 lb)

