

DHI-LM27-U200PM

Smart Monitor



Series Overview

LM-Smart Series is engineered with a fully laminated capacitive touch screen that offers seamless multi-touch. It is also powered by a high-performance chip that ensures the smooth operation of applications. Its integrated large capacity battery ensures the monitor has an extended battery life, and allows for hassle-free portability without the need for tangled cables. Highly flexible, the monitor can be effortlessly rotated to multiple angles, making it convenient for a wide range of uses such as for home entertainment, exhibition halls, large malls, and supermarkets.

Technical Specification

Built-in System

Operating System	Android 14
CPU	Dual-Core A73 + Six-Core A53
CPU Frequency	1.8 GHz
GPU	Mali-G52
RAM	6 GB
ROM	128 GB

Function

Wi-Fi Hotspot	Dual-band 2.4 G/5 G; Supports enabling hotspot and Wi-Fi at the same time
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LCD Panel

Screen Size	27 inch
Backlight	DLED
Aspect Ratio	16:9
Brightness	350 cd/m ² (typ.)

- Outstanding home audio & visual performance.
- Rich interaction methods, Full lamination touch screen, 8MP camera, microphones + speakers.
- Wide color gamut, 99% sRGB, 85% NTSC.
- Google Market, With Google EDLA License.

Resolution	1920 (H) × 1080 (V)
Viewing Angle	178° (H)/178° (V)
Lifespan	30000 hrs
Display Color	99% sRGB
Refresh Rate	60 Hz
Static Contrast Ratio	1300:1
Response Time	≤14 ms

Camera

Camera	Android: Photo: 8 MP; Video: 2 MP
Distortion	<1%
Max. Resolution	3840 (H) × 2160 (V)
Field of View	D: 80°, H: 67.8°, V: 54.2°

Device Ports

Wi-Fi	Yes
Wi-Fi Standard	802.11a/b/g/n/ac
Wi-Fi Frequency Range	2412-2484 MHz, 4900-5950 MHz
MAX Power Transmission (Wi-Fi)	19 dBm
Bluetooth	Yes
Bluetooth Standard	BT5.0
Bluetooth Frequency Range	2402-2480 MHz
MAX Power Transmission (Bluetooth)	5.5 dBm
Video Input	1 × HDMI 1.4 (1080p@60Hz)
Others	1 × DC IN
Microphone	2 arrays
Type-C Port	1 × Type-C IN (DP IN (4K@60 fps) +USB3.0 HOST+USB 2.0 Device (touch) +PD 10W)

Touchscreen

Response Time	≤14 ms
Touch Technology	Capacitive
Touch Points	10 points

Valid Touch	±1 mm (0.04") (over 90% touch area)
Writing Mode	Finger
Surface Hardness	7 H
Number of Multi-user Writing Points	10 points

Speaker

Number of Cavities	4
Frequency	100 Hz–20 kHz
Power	2 × 15 W
Built-in Speaker	2 × woofers + 2 × tweeters

Microphone

Pick-up Distance	Pickup ≤ 5 m (16.40 ft)
Number of Microphones	2 arrays
AGC	Yes
Echo Cancellation	Yes
Polar Pattern	Omnidirectional
Intelligent Noise Filtering	YES

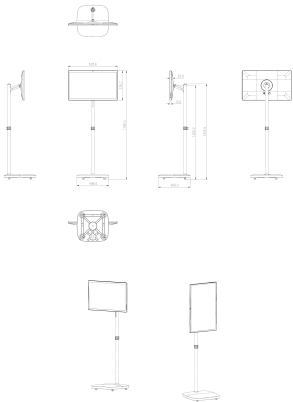
General

Power Supply	19 VDC
Power Consumption	56 W (basic), 70 W (max)
Operating Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Temperature	−20 °C to +60 °C (−4 °F to +140 °F)
Operating Humidity	20%–70% (RH), non-condensing
Storage Humidity	10%–80% (RH), non-condensing
Product Material	ABS-HB
Protective Glass	Anti-fingerprint toughen glass
Casing Color (Frame/Rear)	Frame is white, and Rear is gray
Product Dimensions	With stand: 628.6 mm × 406 mm × 1388.5 mm (24.75" × 15.98" × 54.67") (L × W × H) Outwith stand: 628.6 mm × 40 mm × 376.7 mm (24.75" × 1.57" × 14.83") (L × W × H)
Frame Size	Top and bottom border: 18 mm (0.71"), left and right borders: 12 mm (0.47")
Packaging Dimensions	870 mm × 637 mm × 220 mm (34.25" × 25.08" × 8.66") (L × W × H)
Net Weight	16.3 kg (35.94 lb)
Gross Weight	20.1 kg (44.31 lb)
Holes Distance	75 mm × 75 mm (2.95" × 2.95")
Installation	Mobile bracket
Standby Power Consumption	≤0.5 W
Packing List	Bracket, Power adapter and power cord, quick start guide, legal and regulatory information etc.

Ordering Information

Type	Model	Description
Smart Monitor	DHI-LM27-U200PM	Smart Monitor

Dimensions (mm[inch])



Panels

