

DHI-LDH50-LAI400L

Dahua 50 inch LCD Digital Signage



Series Overview

Simple and elegant, the LCD Digital Signage has an industrial-grade design. With its A-level LCD panel, it has a long lifespan and displays high quality visuals. It can access the network, support audio and videos, release multimedia information, and broadcast advertisements.

Functions

Rich Media

A wide variety of media can be inserted into your projects such as images, videos, audio and files in Word, Excel, PPT, TXT or PDF format. It also supports insertion of webpages, streaming media, scrolling subtitles, notifications and more.

Program Plug-ins

Multiple elements can be incorporated into your projects, such as the weather, time and countdown timer, to suit your needs.

Local Release

Media can be conveniently imported to the digital signage through a USB flash drive to create and release projects.

Release through the Network

Projects can be easily created on the Media Publishing System (MPS) platform when the device is connected to the network, and then directly sent to the terminal device to be played.

Play Plans

The system simplifies broadcasting with general and cut-in plans. General plans, once activated, control how media is played on terminal devices. Cut-in plans can be directly released without approval.

- Designed with an industrial-grade panel. It works up to 24 hours a day.
- Includes a mainstream quad-core CPU, Android system, and decodes up to 4K resolution.
- Plays and releases programs in multiple modes.
- With intelligent split screen, its page layout can be freely adjusted, making it suitable for a variety of scenes.
- Designed with B/S architecture, the device manages programs by time and location, and generates operation reports.
- Supports encrypting platform data transmission, multi-level permission review for program release and terminal password protection.
- The device offers unified platform management, and can be remotely controlled by the platform.

Play Modes

The two play modes, carousel and temporary plan, add variety to the presentation of your projects. Carousel mode plays multiple media in a loop, with no need for manual configuration. Temporary plan mode fills in to play your media when there are no general plans and cut-in plans. It can be played with scrolling subtitles.

Custom Play Time

The play schedules are highly flexible. General plans can be scheduled to play weekly or you can personalize your own time schedule for them. Cut-in plans can be tailored by period, duration, and the number of play times.

Scrolling Subtitles

Subtitles can be set to scroll smoothly across the screen, displaying your desired content.

Split Screen

The screen can be divided into multiple windows, with each one showcasing different content.

Remote Management

From the comfort of the platform, you can remotely power on and off the device, restart it, turn its display on and off, rotate its screen, and adjust its brightness and volume.

Scene

Ideal for communities, malls, supermarkets, hotels, enterprises, the government and various industries such as the advertising, catering, entertainment, tourism, culture, sports, education, finance, and healthcare industries.

LAI Series | DHI-LDH50-LAI400L

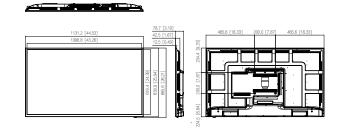
Technical Specification

ICD Panel

LCD Panel				
Panel Dimensions	50 inch			
Backlight	DLED			
LCD Technology	IPS/VA			
Aspect Ratio	16:9			
Brightness	500 cd/m² (typ.)			
Contrast	IPS 1200:1(typ.) / VA 4000:1(typ.)			
Display Colors	10 bit (8 bit + FRC), 1.07B colors			
Resolution	3840 (H) × 2160 (V)			
Viewing Angle	178° (H); 178° (V)			
Response Time	8 ms (typ.)			
Surface Treatment	Haze 25%			
Built-in System				
Operating System	Android 11.0			
CPU	4 cores A55, 1.92 GHZ			
RAM	4 GB			
ROM	32 GB			
Video Decoding	H.265 HEVC MP-10@L5.1 up to 2160p@60 fps H.264 AVC HP@L5.1 up to 2160p@30 fps; VP9 Profile 2 up to 2160p@60 fps H.264 MVC up to 1080p@60 fps MPEG-4 ASP@L5 up to 1080p@60 fps (ISO-13818) WMV/VC-1 SP/MP/AP up to 1080p@60 fps			
Function				
Audio Compression	MPEG-3,WMA,WAV			
Video Compression	MPEG-4, H.264 AVC/MVC, H.265 HEVC			
Video Format	mp4, avi, mov, mkv, wmv			
Device Ports				
Network Port	$1\times$ RJ–45 10/100/1000 Mbps self-adaptive Ethernet port			
Wi-Fi	Optional (External Wi-Fi module)			
Bluetooth	NO			
Data Transmission Ports	1 × USB 2.0 ports (type A) 1 × USB 3.0 ports (type A) 1 × TF card slot, up to 128 GB			
Video Input	1 × HDMI 2.1 (4K @60Hz)			
Video Output	NO			
Audio Port	1 × 3.5 mm jack output			
IR Receiver	Yes			
Speaker				
Built-in Speaker	2 × 10 W			

General				
Power Supply		100–240 VAC, 50/60 Hz		
Power Consumption		65 W (typ); 120 W (max)		
Standby Power Consumption		≤0.5 W		
Operating Temperature		0 °C to +40 °C (+32 °F to +104 °F) (avoid direct sunlight)		
Storage Temperature		-20 °C to +60 °C (-4 °F to +140 °F)		
Operating Humidity		10%-85% (RH), non-condensing		
Storage Humidity		10%-90% (RH), non-condensing		
Product Material		Plastic casing		
Casing Color (Frame/Rear)		Black		
Product Dimensions		1131.1 mm × 665.6 mm × 78.7 mm (44.53" × 26.20" × 3.10") (without bracket)		
Packaging Dimensions		1190 mm × 112 mm × 748 mm (46.85" × 4.41" × 29.45")		
Net Weight		10 kg (22.05 lb)		
Gross Weight		12 kg (26.46 lb)		
Installation		Horizontal/Vertical mount		
Display Mode		Landscape/Portrait		
Wall Mount VESA		200 mm × 200mm		
Accessory		Bracket, user's manual, power cord, legal and regulatory information, remote control		
Certification				
Certifications		CE, ERP		
Ordering Information				
Туре	Model		Description	
LCD Digital Signage	DHI-LDH50-LAI400L		Dahua 50 inch LCD Digital Signage	

Dimensions (mm[inch])



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