

DHI-LDH86-SAI400L

Dahua 86 inch Wall-mounted LCD Digital Signage



Series Overview

Simple and elegant, the LCD Digital Signage is built of metal and 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 16 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 platorm, 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.

Technical Specification		
LCD Panel		
Panel Dimensions	86inch	
Backlight	DLED	
LCD Technology	IPS	
Aspect Ratio	16: 9	
Brightness	450 cd/m² (Max)	
Contrast	1200:1(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 3%	
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	$1\times \text{RJ}45\ 10/100/1000\ \text{Mbps}$ 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)	

Power Supply	100–240 VAC, 50/60 Hz	
Power Consumption	≤ 360W	
Standby Power Consumpton	≤ 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)	
Operatng Humidity	10%–85% (RH), non-condensing	
Storage Humidity	10%–90% (RH), non-condensing	
Product Material	Metal casing	
Casing Color (Frame/Rear)	Black	
Product Dimensions	1963.8mm × 1136.8mm × 101.8mm (77.31" × 44.76" × 4.0")	
Packaging Dimensions	2150 mm × 290 mm × 1400 mm (84.65" × 11.42" × 55.12")	
Net Weight	45 kg (99.2lb)	
Gross Weight	66 kg (145.38 lb)	
Installation	Wall mount	
Display Mode	Landscape/Portrait	

Ordering Information			
Туре	Model	Description	
LCD Digital Signage	DHI-LDH86-SAI400L	Dahua 86 inch Wall-mounted LCD Digital Signage	

600x600mm

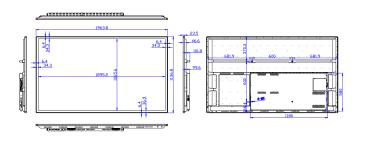
Wall-mount bracket, power cord, legal and regulatory information, energy label, user's manual, remote control

Dimensions (mm[inch])

Wall Mount VESA

Accessory

General



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2 ×5W

NO

 1×3.5 mm jack output

Video Output

Audio Port

IR Receiver
Speaker

Built-in Speaker