

# DHI-LDH50-HAI400K

## Dahua 50 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	50 inch
Backlight	DLED
LCD Technology	VA
Aspect Ratio	16:9
Brightness	700 cd/m² (typ.)
Contrast	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	9.5 ms (typ.)
Surface Treatment	Haze 2%
Built-in System	
Operating System	Android 8.1
CPU	4 cores A17, 1.6 GHZ
RAM	2 GB
ROM	16 GB
Video Decoding	2-ch H.264 1080p@25 fps; 4-ch H.265 1080p@25 fps; 4-ch H.265 1080p@30 fps; 2-ch H.264 1080p@25 fps; 2-ch H.265 1080p@30 fps; 2-ch H.264 4K@25 fps; 2-ch H.265 4K@30 fps; 1-ch H.265 4K@60 fps; The decoding capacity statistics are based on tests with a single video file.
- ··	

_					
G	$\triangle$	n	$\alpha$	$rac{1}{2}$	П

Power Supply	100–240 VAC, 50/60 Hz
Power Consumption	≤170 W
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	1108.84 mm × 630.8 mm × 57.9 mm (without bracket)
Packaging Dimensions	1245 mm × 150 mm × 788 mm
Net Weight	14 kg (30.86 lb)
Gross Weight	19 kg (41.89 lb)
Installation	Wall mount
Display Mode	Landscape/Portrait
Wall Mount VESA	400× 400mm
Accessory	Wall-mount bracket, power cord, legal and regulatory information, user's manual, remote control

## Function

Audio Compression	MPEG-3, WMA, WAV
Video Compression	MPEG-4, H.264/AVC, H.265/HEVC
Video Format	mp4, avi, mov, asf, mkv, wmv

### Device Ports

Device Ports	
Network Port	$1\times \text{RJ}45\ 10/100/1000\ Mbps}$ self-adaptive Ethernet port
Wi-Fi	Optional (External Wi-Fi module)
Bluetooth	NO
Data Transmission Ports	1 × TF card slot, up to 128 GB 2 × USB 2.0 ports (type A)
Video Input	1 × HDMI 1.4 (1080P @60Hz)
Video Output	NO
Audio Port	$1 \times 3.5 \text{ mm jack Mic}$
IR Receiver	Yes

## Speaker

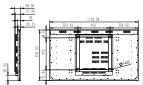
Built-in Speaker	2 × 5 W

# Ordering Information

Туре	Model	Description
LCD Digital Signage	DHI-LDH50-HAI400K	Dahua 50 inch Wall-mounted LCD Digital Signage

## Dimensions (mm)







Rev 002.000 © 2024 Dahua. All rights reserved. Design and specificatons are subject to change without notce. Pictures in the document are for reference only, and the actual product shall prevail.