

DHI-LDH55-HAI400K

Dahua 55 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.

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 | 55 inch |
| Backlight | DLED |
| LCD Technology | VA |
| Aspect Ratio | 16:9 |
| Brightness | 700 cd/m ² (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 11 |
| CPU | Quad-core Cortex-A55 up to 1.9GHz |
| RAM | 4 GB |
| ROM | 32 GB |
| Video Decoding | 8Kx4K@30fps or 4Kx2K@60fps/4Kx2K@30fps/1080P@60fps/1080P@30fps |

Function

| | |
|--------------|--|
| Image Format | jpg, jpeg, gif, bmp, png |
| Audio Format | mp3, wma, m4a, mp4 |
| Video Format | AV1, H.265 HEVC, VP9AV, S2, H.264 AVC, H.264 MVC, MPEG-4, WMV, AVS+, MPEG-2, MPEG-1, MJPEG |

Device Ports

| | |
|-------------------------|--|
| Network Port | 1 × RJ-45 10/100/1000 Mbps self-adaptive Ethernet port |
| Wi-Fi | No (Can be customized) |
| 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 (4K @60Hz) |
| Video Output | NO |
| Audio Port | 1 × 3.5 mm jack Mic |
| IR Receiver | Yes |

Speaker

| | |
|------------------|---------|
| Built-in Speaker | 2 × 5 W |
|------------------|---------|

General

| | |
|---------------------------|---|
| Power Supply | 100–240 VAC, 50/60 Hz |
| Power Consumption | ≤ 180 W |
| Standby Power Consumption | ≤ 0.5 W |
| Operating Temperature | 0 °C to +40 °C (+32 °F to +104 °F) (avoid direct sunlight) |
| Storage Temperature | –10 °C to +60 °C (14 °F to +140 °F) |
| Operating Humidity | 10%–85% (RH), non-condensing |
| Storage Humidity | 10%–90% (RH), non-condensing |
| Product Material | Metal casing |
| Casing Color (Frame/Rear) | Black |
| Product Dimensions | 1222.4×694.8×58.1mm (without bracket) |
| Packaging Dimensions | 1357×150×853mm |
| Net Weight | 16kg |
| Gross Weight | 22kg |
| Installation | Wall mount |
| Display Mode | Landscape/Portrait |
| Accessory | Wall-mount bracket, power cord, legal and regulatory information, user's manual, remote control |

Ordering Information

| Type | Model | Description |
|---------------------|-------------------|--|
| LCD Digital Signage | DHI-LDH55-HAI400K | Dahua 55 inch Wall-mounted LCD Digital Signage |

Dimensions (mm[inch])

