DHI-LDH55-WAI200L

Dahua 55 inch LCD Digital Signage

- Designed with an industrial-grade panel. It works up to 24 hours a day.
- Includes a mainstream quad-core CPU and Android system.
- 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.

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.

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.

Technical Specification

LCD Panel

Panel Dimensions	55 inch
Backlight	DLED
LCD Technology	IPS
Aspect Ratio	9: 16
Brightness	3000 cd/m² (typ.)
Contrast	1200: 1 (typ.)
Display Colors	8 bit, 16.7M colors
Resolution	1080 (H) × 1920 (V)
Viewing Angle	178° (H); 178° (V)
Response Time	14 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 × 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 (1080P @60Hz)
Video Output	NO
Audio Port	1 × 3.5 mm jack output
IR Receiver	Yes

Speaker

Built-in Speaker	2 × 5 W

General

Power Supply	100–240 VAC, 50/60 Hz
Power Consumption	≤360 W
Standby Power Consumption	≤0.5 W
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	10%–85% (RH), non-condensing
Storage Humidity	10%–90% (RH)
Product Material	Metal casing
Casing Color (Frame/Rear)	Black
Product Dimensions	721 mm × 1,250 mm × 100 mm (28.39" × 49.21" × 3.94") (without bracket)
Packaging Dimensions	1400 mm × 955 mm × 310 mm (55.12" × 37.60" × 12.20")
Net Weight	43 kg (94.80 lb)
Gross Weight	48 kg (105.82 lb)
Installation	Ceiling mount (default) Wall mount/floor stand (extra bracket required)
Display Mode	Portrait (default), landscape
Wall Mount VESA	400 mm × 400mm
Accessory	**Ceiling mount bracket**, power cord, legal and regulatory information, remote control, screw

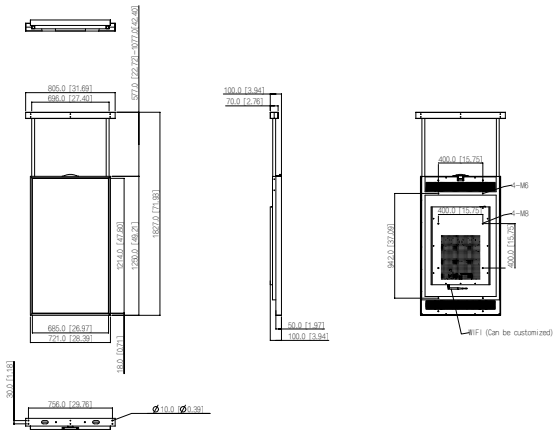
Certification

Certifications	CE

Ordering Information

Type	Model	Description
LCD Digital Signage	DHI-LDH55-WAI200L	Dahua 55 inch LCD Digital Signage

Dimensions (mm[inch])



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