DHI-LDH55-SAI400TL

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, 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.
- The device offers unified platform management, and can be remotely controlled by the platform.

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.

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	ELED
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 (OC panel)	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	Built-in Wi-Fi
Bluetooth	NO
Data Transmission Ports	1 × USB 2.0 ports (type A) 1 × TF card slot, up to 128 GB 1 × USB 3.0 ports (type A)
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 ×5W
Touch	10-point Capacitive Touch

General

Power Supply	100–240 VAC, 50/60 Hz
Power Consumption	≤130 W
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	Metal
Casing Color (Frame/Rear)	Black
Product Dimensions	1238*708.8*29.8mm(without bracket)
Packaging Dimensions	TBD
Net Weight	TBD
Gross Weight	TBD
Installation	Horizontal/Vertical mount
Display Mode	Landscape/Portrait
Wall Mount VESA	Wall-mounted board/400 mm × 400mm(optional)
Accessory	user's manual, power cord, legal and regulatory information, remote control

General

Certification	CE EMC, CE LVD, CE ERP

Dimensions (mm[inch])

TBD

Rev 002.000 © 2023 Dahua. All rights reserved. Design and specifications are subject to change without notice.
The images, specifications and information mentioned in the document are only for reference, and might differ from the actual product.