

55-inch Narrow-bezel High-Brightness Wall-mounted Digital Signage Specification

Model: Y55LAD-W01Q

Product Series: Q6 Series

Version: V1.0

Document Number	Prepared by	Reviewed by	Approved by	Effective Date

Version	Description	Date	Fiction
V1.0	First Released	November 4, 2024	Chen Qingjie



Product features

- Ultra–Narrow Four–Sided Equal Bezel Design: With a mere 6.9mm bezel on the left, right, top, and bottom, it is aesthetically pleasing and elegant. The immersive narrow bezel design seamlessly integrates the screen with the surroundings, embodying beauty in form and harmony with the scene.
- Ultra–Slim Overall Machine Structure: Adopting an exclusive backplane mold design and all–metal casing material, this ultra–slim structure saves installation space, making it ideal for various complex and high–end scenarios that demand ultimate spatial efficiency and stylish design in products.
- High–Definition Visual Experience: Boasting high color gamut and high–definition image clarity, it adopts grade–A original screens. Delivering pure colors and rich, vivid visuals with wide RGB color gamut coverage, it ensures smooth playback, making images and videos more stunning and lifelike.
- Diversified Advertising Display: According to usage requirements, it allows independent setting of scrolling graphics, text, or videos, as well as information, advertising dates, and weather. It supports loop playback, carousel, and other playback modes.
- Scheduled Playback: Supports scheduled publishing, saving time and effort. It easily enables unattended advertising marketing and allows playback of various customized content according to preset schedules.
- Remote Control: Supports remote management and one–click publishing. It enables real–time monitoring and operations via dedicated information publishing software, allowing users to publish and update all playback content remotely.
- Horizontal & Vertical Display: Supports horizontal and vertical screen installation, meeting the needs of various usage scenarios. Images and videos can be displayed in both orientations, fulfilling the requirements of different advertising scenarios.
- Smart Split–Screen: Supports free selection of split–screen modes, comes with multiple built–in split–screen modes, and allows custom regional split–screen, enabling multi–regional and multi–functional advertising display.

Product Specifications

Display Specifications

Item	Parameter	Note
Display Specifications	LCD Screen Size	55inch
	Active Display Area Size	1209.6x680.4mm
	Resolution	3840x2160
	Response Time	8 ms
	Viewing Angle	89/89/89/89
	Aspect Ratio	16:9
	Refresh Rate	60Hz
	Color Depth	1.07G
	Color Gamut(sRGB) (Typ)	100%
	Contrast Ratio (Typ)	1200:1
	Backlight Type	DLED
	Screen Brightness (Typ)	500cd/m ²
	Ultra-narrow bezel	6.9mm
	Service Life	≥30000 H

Internal Player

Item	Parameter	Note
Internal Player	OS	Android 11
	CPU	Quad-Core Cortex-A55 (Mlogic T982)
	Main Frequency	1.9Ghz
	GPU	Mali-G52 MP2
	RAM	2G (Optional 4G/8G)
	ROM	32GB (Optional 64G/128G/256G/512G)
	Network	Dual-Band WIFI 6、BT-5.3

Peripheral Port

Item	Parameter	Note
Peripheral Port	HDMI In	1* HDMI Standard Terminal (4K60Hz)
	USB	1 * USB2.0 + 1*USB2.0(OTG)
	TF Card	1 * Standard TF Card Slot (Max. 128GB)
	RJ45	1* RJ45 10/100/1000 Mbps Ethernet Port
	Earphone Out	1 * Standard 3.5mm Terminal, CTIA (US Standard)
	Audio Channel	Stereo
	Power	2x5W

Physical

Item	Parameter	Note
Physical	Power Input	100–240V~50/60Hz
	Maximum Power Consumption	160W
	Standby Power Consumption	≤0.5W
	Housing Material	Metal
	Housing Color	Black
	Overall Dimensions (LxDxH)	1226.1*63.3*699.5 mm
	Packaging Dimensions (LxDxH)	1350*155*820 mm
	VESA Mounting Hole Specifications (LxW)	400×400mm
	Net Weight	15.7kg
	Gross Weight	20.3kg

Environmental Conditions

- ◆ Operating Temperature: 0°C~40°C
- ◆ Operating Humidity: 20%~80%RH
- ◆ Storage Temperature: -10°C~50°C
- ◆ Storage Humidity: 10%~90%RH
- ◆ Altitude: Below 2000 meters

Structural dimension drawing

