DS-D6055UN-DL
55-inch Digital Signage



- Plastic shell appearance, slim frame, and all-in-one design.
- Exquisite image, industrial A+ panel, auto-coloring and image-enhancing engine.
- Variable materials, static and dynamic materials, including pictures, audio, video, scrolling subtitle, PDF, webpages, live video, number calling, pop-up pictures, etc.
- Flexible program schedule, free schedules and district play of multiple materials and variable play modes: play by day, play by week, play by loop, custom play, etc.
- Centralized management, remotely control and manage one screen or more screens, such as timed startup/shutdown, quick startup/shutdown, brightness/volume timed adjustment, and screenshot preview, remotely release programs and updates local (USB) programs.
- Organization permission, 5-level organization is available for managing materials, programs, terminals, and users, and support creating custom users, allocating permission for users according to user level, and permission templates.
- Multiple security safeguards, 3-level check of materials, programs and schedules to prevent mistake release, encryption of data in storage and transmission to prevent data tampering, and with no default password, users can activate and set initial password to guarantee the password safety.

▪ Specification

Product Model	
Product Model	DS-D6055UN-DL
Display	
Screen Size	55 inch
Resolution	3840 × 2160
Active Display Area	1219.70 (H) mm × 691.89 (V) mm
Pixel Pitch	0.105 (H) mm × 0.315 (V) mm
Backlight	D-LED
Viewing Angle	178°(H)/178°(V)
Brightness	500 cd/m²
Contrast Ratio	4000:1
Color Depth	10 bit (8 bit + FRC)
Response Time	8 ms
Color Gamut	85% NTSC
Reliability	7 × 24h
Refresh Rate	60 Hz
Haze	25%
Built-in System	
Operation System	Android 13
Processor	Cortex-A55, 4-core, main frequency 1.92 GHz
Memory	4 GB
Built-in Storage	32 GB EMMC
Interface	
Video & Audio Input	HDMI 2.0 (HDCP 2.2) × 3, DP 1.2 × 1
Video & Audio Output	LINE OUT × 1, Speaker (6Ω 10 W) × 2
Network Interface	RJ45 × 1, Wi-Fi (2.4G/5G, 802.11 a/b/g/n/ac/ax) × 1, ,RS232 in×1, RS232 out× 1
Data Transmission Interface	USB 2.0 × 1, USB 3.0 × 1, BT 5.4 × 1
Power	
Input Voltage	100 to 240 VAC, 50/60 Hz
Standby Consumption	≤ 0.5 W
Power Consumption	134 W(typ), 195 W(max)
Working Environment	
Working Temperature	0 ℃ to 40 ℃ (32 ℉ to 104 ℉)
Working Humidity	10% to 80% RH (Condensation)
Storage Temperature	-20 ℃ to 60 ℃ (-4 ℉ to 140 ℉)
Storage Humidity	10% to 90% RH (Condensation)
General	
Mounting Type	Wall mounting (horizontally or vertically)
Product Dimensions (W × H × D)	1238.4 mm × 709.2 mm × 70 mm (without wall-mounted backboard) 1238.4 mm × 709.2 mm × 99.8 mm (with wall-mounted backboard)
Package Dimensions (W × H × D)	1390 mm × 830 mm × 144 mm
Net Weight	13 kg
Gross Weight	19.5 kg

Packing List	Digital signage × 1, wall-mounted backboard (including package of mounting bolts) × 1, power cord for europe × 1, RS232 cable × 1, remote control × 1, user manual × 1, quick start guide × 1, Regulatory Compliance and Safety Information × 1, logo stickers × 1, energy efficiency label × 1

▪ Physical Interface

Interface	Description	Interface	Description
LAN	100M/1000M Ethernet interface	LINE OUT	LINE output interface
RS232 OUT	RS232 control out	HDMI 1	HDMI digital signal input interface
RS232 IN	RS232 control in	HDMI 2	HDMI digital signal input interface
USB3.0	USB 3.0 interface	HDMI 3	HDMI digital signal input interface
USB2.0	USB 2.0 interface	DP	DP digital signal input interface

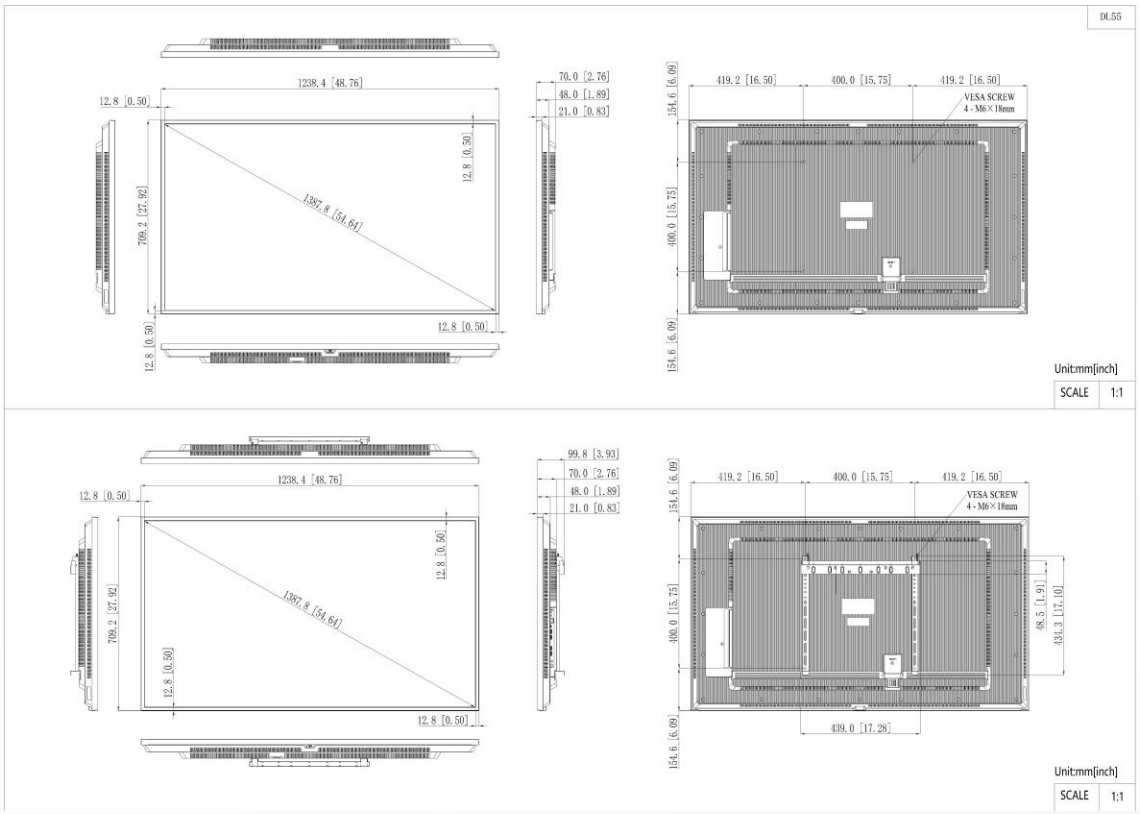


▪ Available Model

DS-D6055UN-DL/Mother Board

DS-D6055UN-DL

▪ Dimension



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www.hikvision.com
support@hikvision.com

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