DS-D5C86RO/A
86-inch Interactive Flat Panel

The Hikvision Interactive Flat Panel is a kind of newly developed intelligent teaching assistance product which integrates with the latest technologies of touch control, HD display, video processing, network communication, interactive control, sound control. It can be widely applied to the classroom, online teaching, training center, etc.

- UHD 4K display with resolution of 3840 × 2160.

- Anti-glare and anti-blocking design to ensure smooth interaction.

- Dual systems of Android and Windows （Optional with OPS） saving cost and easy to use, video conference software are recommended to run under Windows system.

- Quick response, at most 50-points touch control and smooth writing experience.

- Built-in network switch chip saves a network switch.

- All-in-one design with tempered glass and intelligent temperature control, making it environmental-friendly and safety-guaranteed, support blue light protection.

- EDLA Certified.

- Support Central Management by HikCentral.

- Support APP Auto-Launch.

- Remote Control supports: On/Off screen, Adjust Volume, Freeze Screen, Select Input, Touch Function On/Off, Menu Control, etc.

- Various of presentation tools: Magnifying Glass, Black Screen, Transparent Marker, Spotlight, etc.

- Whiteboard: Supports markers, chalk, fountain pen; Supports pen and hand Dual-color writing, Multi-touch writing, Text recognition, Shape recognition, Change background; Supports worksheet shifting and zooming in/out; Manipulation of objects by mirroring/rotating, locking, color-filling; Other tools like ruler, different shaping tools, etc.
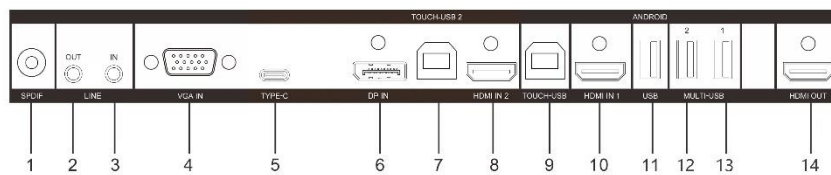
▪ Specification

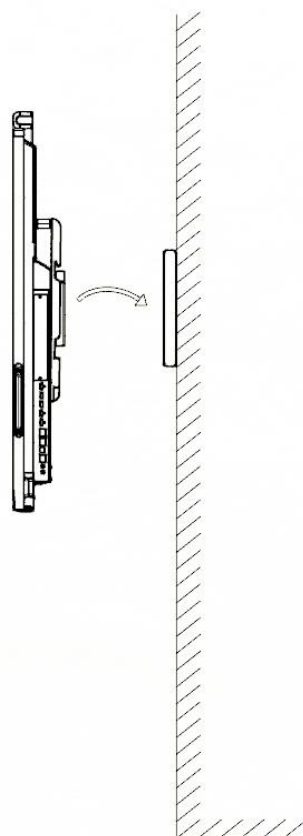| Product Model	
Product Model	
Product Model	DS-D5C86RO/A
Display	
Screen Size	86 inch
Backlight	DLED
Bonding Method	Dry-bonding
Pixel Pitch	0.1645（H）× 0.4935（V）mm
Resolution	3840 × 2160 @60 Hz
Brightness	400 cd/m²（Typ.）
Color Depth	10 bit
Display Color	1.07 G
Response Time	5 ms
Panel Type	VA
Contrast Ratio	5000:1 (Static) 30,000:1 (Dynamic)
Color Gamut	72% NTSC (CIE1931) (Typ.)
Refresh Rate	60 Hz
Viewing Angle	178° (H)/178° (V)
Aspect Ratio	16:9
Surface Hardness	9H (Pencil) 7 (Mohs)
Surface Glass	Anti-Glare Glass
Surface Haze	25% Haze
Glass Bonding Method	Zero Lamination
Display Area	1895.04mm × 1065.96mm
Working Duration	7 × 16 H
Transmittance	88% ± 3
Lifespan	50,000 hours
Touch	
Type	Infrared Touch Screen
Touch Point	Up to 50-point multi-touch
Touch Response Time	≤ 2 ms
Minimum Touch Object	≥ 1.5 mm (≥ 90% touching area)
Touch Precision	± 0.5 mm (≥ 90% touching area)
Touch Resolution	32767 × 32767
Built-in System	
Operation System	Android 13.0
Memory	8 GB
Built-in Storage	128 GB
Processor	Quad-core Cortex-A76 × 4（2.4 GHz）and quad-core Cortex-A55 × 4（1.8 GHz）
GPU	Mali-G610 MC4
HDCP Version	2.3

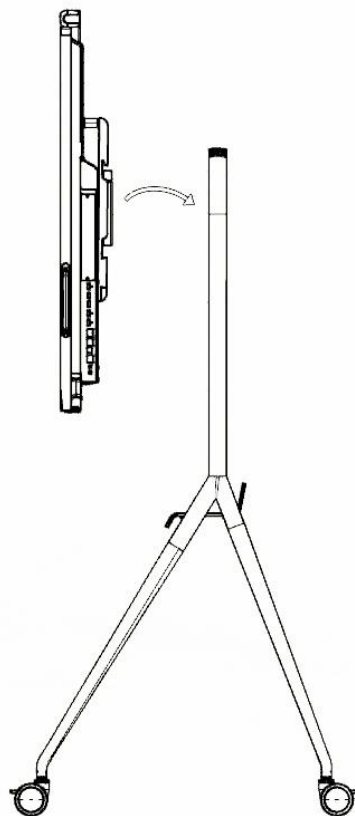| Internal Function	
Loudspeaker	Built-in 2 × 20 W+25W loudspeaker;
Bluetooth	Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.1
NFC	Support screen mirroring by Android phones
Light Sensor	Yes
Interface	
Video & Audio Input	HDMI In (HDMI 2.0) × 3, VGA In × 1, DP In (DP 1.2) × 1, Audio In × 1
Video & audio output	HDMI Out (HDMI 2.0) × 1, Audio Out × 1, SPDIF Out × 1
Control interface	TOUCH-USB 3.0 × 3, RS232 × 1
Network Interface	LAN (1000 Mbps) × 2 WIFI AP & Station, 2.4G/5G WIFI 6, IEEE 802.11 a/b/g/n/ac/ax 2 × 2 MIMO (2.4 GHz and 5 GHz) authentication protocols WEP, WPA, WPA2, PSK and 802.1X EAP
Data Transmission Interface	USB 3.0 × 4, USB 2.0 × 1, Type-C × 2 (Type-C supports USB 2.0, DP 1.2, and charging functions; side charging 15 W, front charging 65 W)
Power	
Power Supply	100 to 240 VAC, 50/60 Hz
Standby Consumption	≤ 0.5 W
Average Consumption	< 205W
Working Environment	
Working Temperature	0 °C to 40 °C (32 °F to 104°F)
Working Humidity	10%~90% RH
General	
VESA	800 mm × 600 mm (4 × M8-25 mm)
Product dimensions	1960.44 mm × 1158.24 mm× 82.5 mm
Accessory	Wall mount bracket, hook, user manual, touch writing pen, packing list, 3 M touch USB cable, 3.5M HDMI cable (2.0), power cable , bluetooth remote control.
Package Dimensions (W × H × D)	2147 mm × 1335 mm × 213 mm
Net Weight	64.13 kg
Gross Weight	81.6 kg

▪ Physical Interface

Interface	Description	Interface	Description
1.SPDIF	SPDIF interface	2.Line OUT	Audio output interface
3.Line IN	Audio input interface	4.VGA IN	Video devices connection interface
5.TYPE-C	Type-C interface	6.DP IN	Display input interface
7.TOUCH-USB 2	Peripheral touch interface	8.HDMI IN 2	HDMI 2 input interface
9.TOUCH-USB	Peripheral touch interface	10.HDMI IN 1	HDMI 1 input interface
11.USB	USB interface	12.MULTI-USB 2	Multi-functional USB interface
13.MULTI-USB 1	Multi-functional USB interface	14.HDMI OUT	HDMI output interface

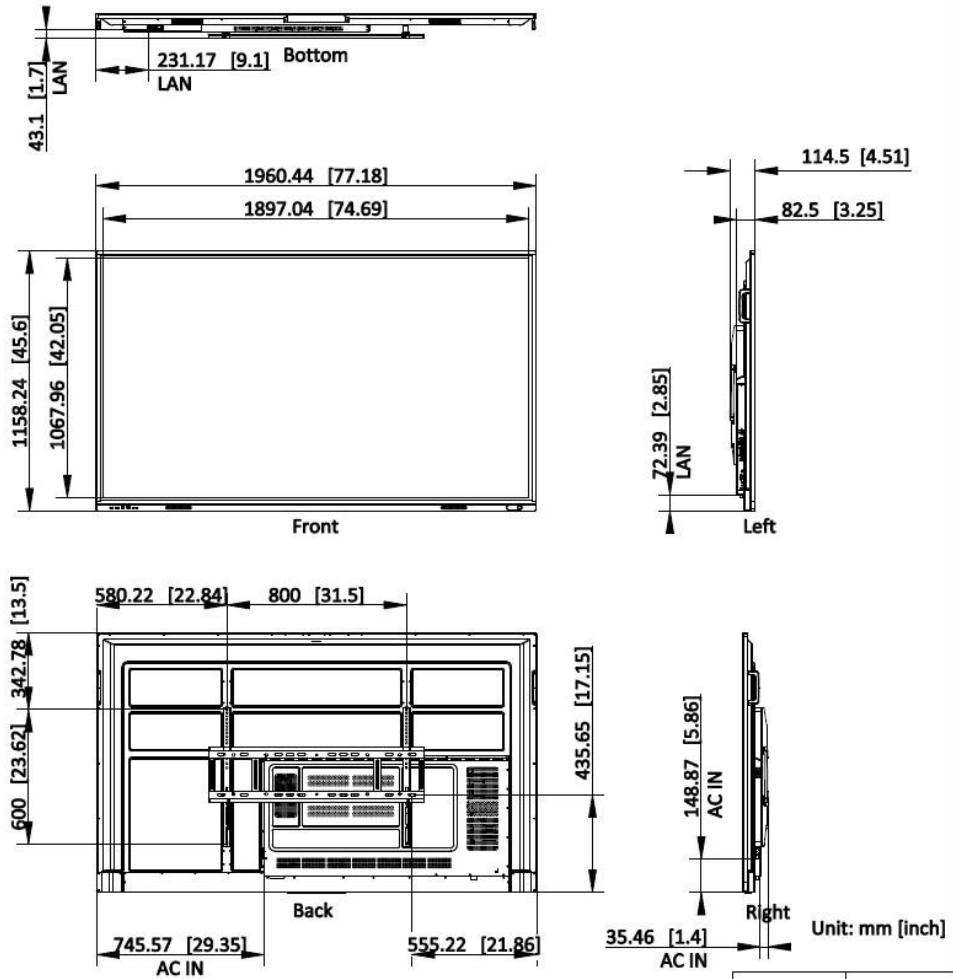| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |

▪ **Installation**

▪ Available Model
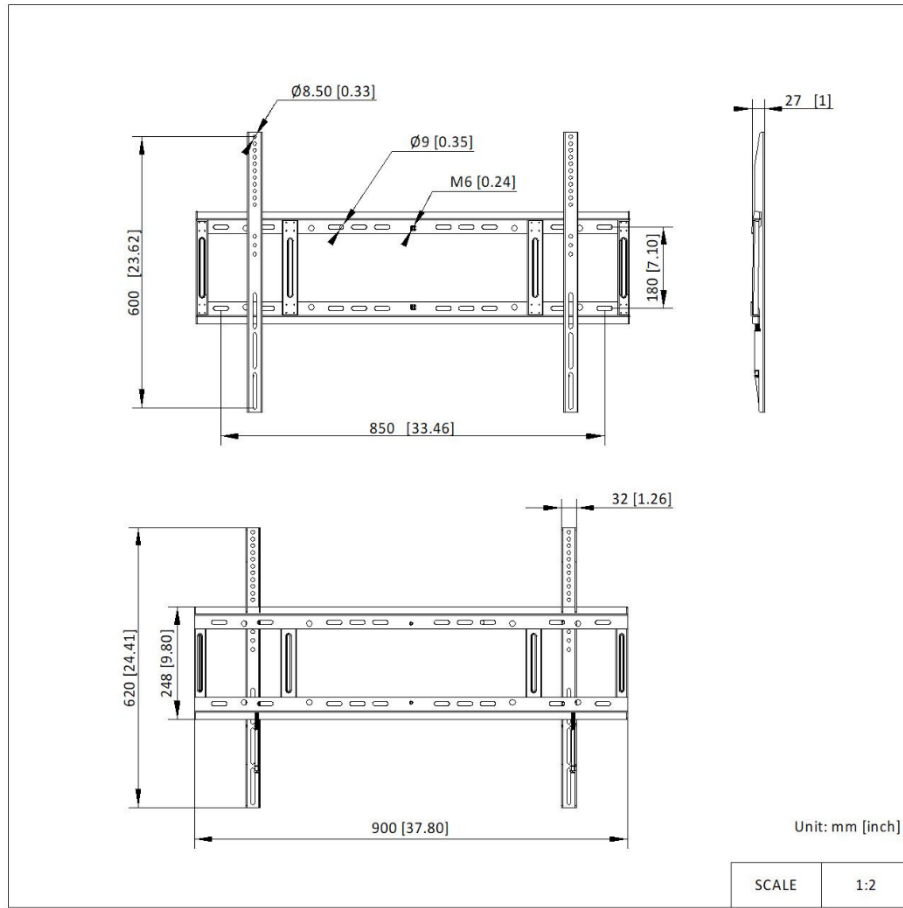
DS-D5C86RO/A

▪Dimension

If the equipment is installed embedded in the wall, reserve at least 5 cm from each side.

231.17 [9.1]
Bottom
LAN
LAN
43.1 [1.7] LAN

114.5 [4.51]
82.5 [3.25]

1960.44 [77.18]
1897.04 [74.69]

1158.24 [45.6]
1067.96 [42.05]

Front

72.39 [2.85] LAN

Left

342.78 [13.5]
600 [23.62]
580.22 [22.84]
800 [31.5]
435.65 [17.15]

148.87 [5.86] AC IN

Back

745.57 [29.35]
AC IN
555.22 [21.86]

35.46 [1.4]
AC IN

Right

Unit: mm [inch]

SCALE	1:5

▪ Accessory

▪Optional

DS-D5ABKY2-M 75-86" Conference Flat Panel Brackets	DS-D5AC12T5-8S2 OPS Module	DS-D5AC12T7-16S5 OPS Module	DS-D5ABKE1-A50 65-75-86" Electric Conference Flat Panel Brackets

See Far, Go Further

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