

DS-D5C86RD/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 (finger & stylus) touch control and lag-free 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.
- Fanless designed passive cooling system.
- Wireless image transmission from Android, MacOS, iOS, and Windows PC platforms.
- Supports whiteboard functionality in Android system such as handwriting, eraser, saving notes as PDF/picture, inserting picture, flow chart etc.
- Support connecting with printer and printing pictures/PDF saved from whiteboard.
- OPS slot for modular computer.
- Compatible with Windows 11 and MacOS 12+
- Support simultaneous HDMI and Touch-USB connection to realize convenient and smooth touch (10 points).

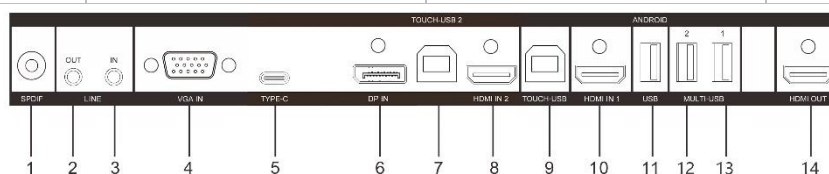
• Specification

Product Model	
Product Model	DS-D5C86RD/A
Display	
Screen Size	86 inch
Backlight	DLED
Pixel Pitch	0.1645 (H) × 0.4935 (V) mm
Resolution	3840 × 2160 @60 Hz
Brightness	400 cd/m ² (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 x 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 (Windows-40 points; MacOS-10 points; Android-50 points)
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;

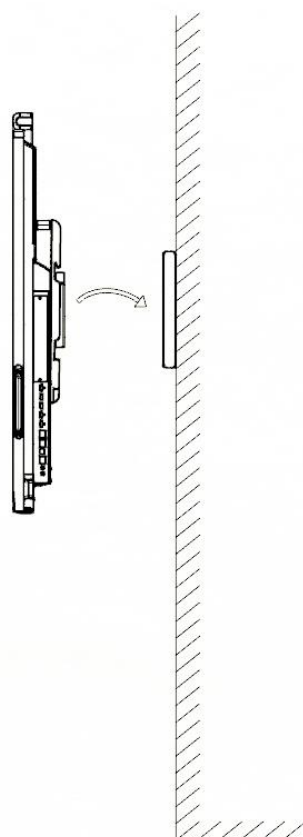
Bluetooth	Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.1
NFC	Support screen mirroring by Android phones
Light Sensor	Yes
Interface	
Video & Audio Input	HDMI In (HDMI 2.0) × 3, VGA In × 1, DP In (DP 1.2) × 1, Audio In × 1
Video & audio output	HDMI Out (HDMI 2.0) × 1, Audio Out × 1, 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 x2, 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
Approval	
CE-EMC	EN 55032:2015+A11:2020+A1:2020,EN 50130-4:2011+A1:2014,EN 55035:2017+A11:2020,EN IEC 61000-3-2:2019+A1:2021,EN 61000-3-3:2013+A1:2019+A2:2021;
CE-LVD	EN 62368-1:2014+A11:2017;
CE-RED	EN 300 328 V2.2.2; EN 300 440 V2.2.1; EN 301 489-1 V2.2.3; EN 301 489-17 V3.3.1; EN 301 489-3 V2.3.2; EN 301 893 V2.1.1;
CE-RED (Cyber Security)	EN 18031:2024;
CE-RoHS	EN 62321-8:2017 EN 62321-7-2:2017 EN 62321-1:2013 EN IEC 63000:2018 EN 62321-3-1:2014 EN 62321-2:2014 EN 62321-5:2014 EN 62321-7-1:2015 EN 62321-6:2015 IEC 62321-8:2017 IEC 62321-7-2:2017 IEC 62321-7-1:2015 IEC 62321-1:2013 IEC 62321-3-1:2013 IEC 62321-4:2013+A1:2017 IEC 62321-5:2013 IEC 62321-6:2015 2011/65/EU AND ITS AMENDMENT (EU)2015/863 EN ISO 17075-1:2017 IEC 62321-2:2021 IEC 62321-4:2013+AMD1:2017 EN 62321-4:2014+A1:2017 EN IEC 62321-2:2021;
CE-ErP	(EU) 2019/2021,(EU)2021/341;

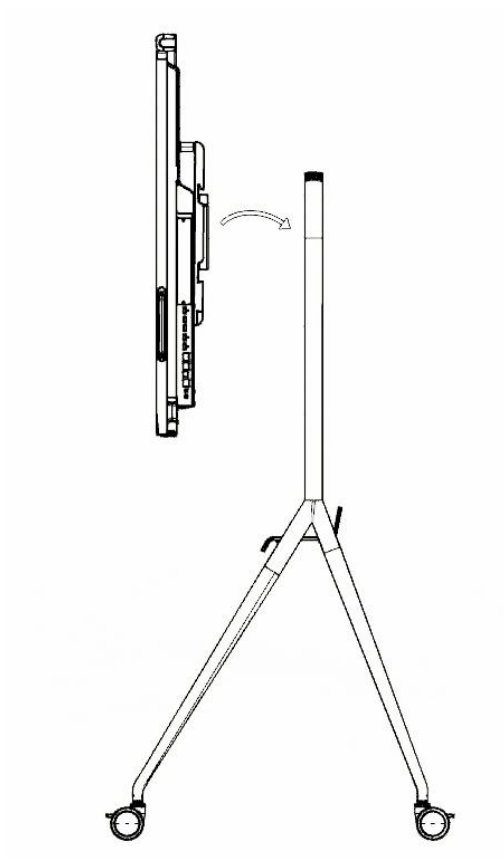
Physical Interface

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



Installation



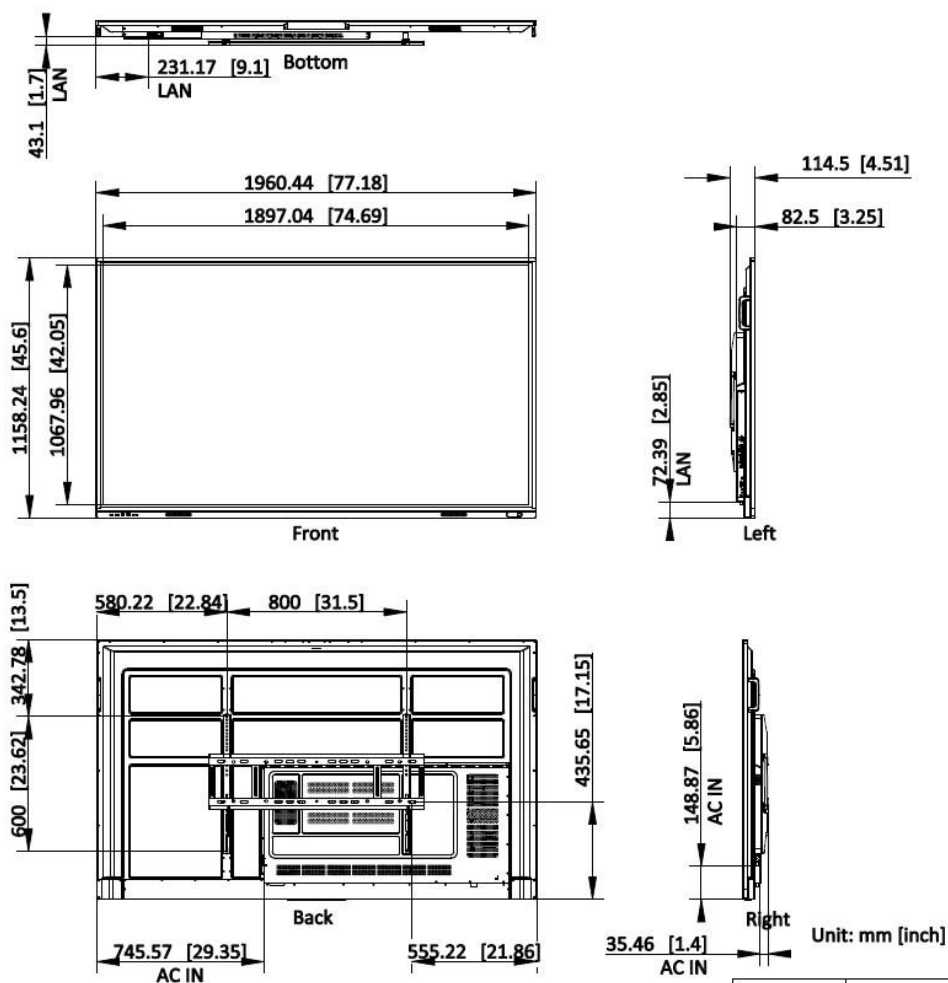


- **Available Model**

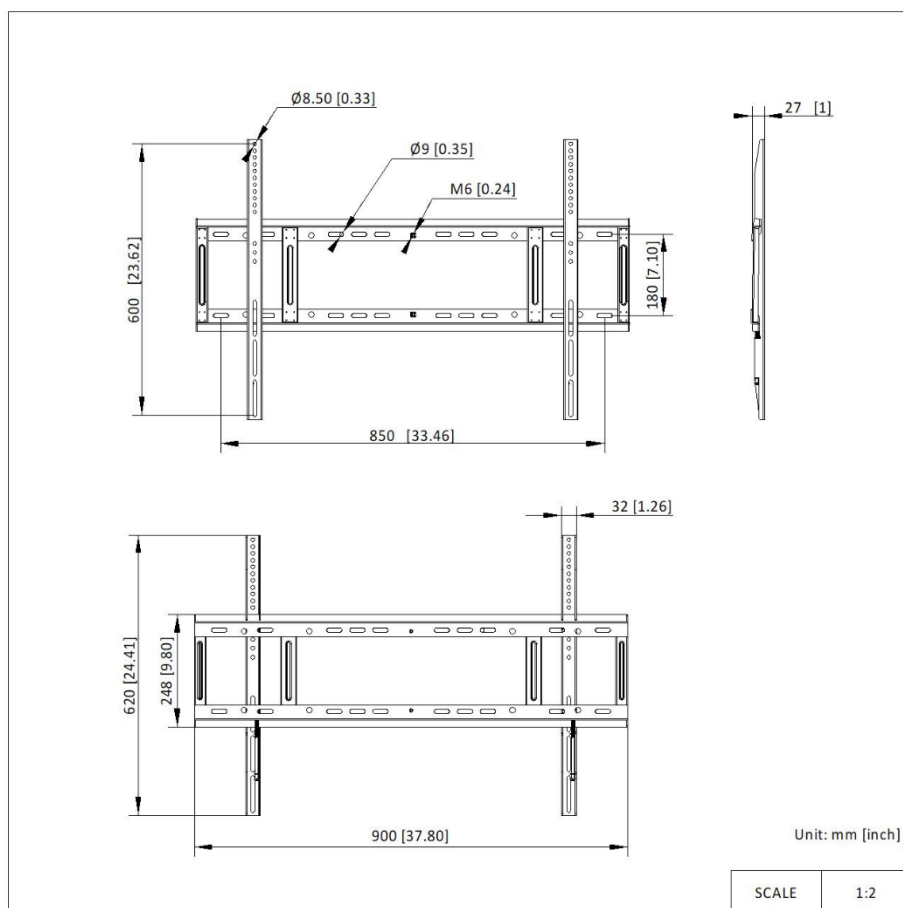
DS-D5C86RD/A

- **Dimension**

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



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
			

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