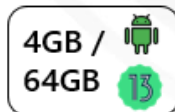


DS-D5B86RB/EL

## 86-inch 4K Interactive Flat Panel Display



- Commercial Grade and UHD 4K Display with Resolution of 3840×2160
- Zero-Gap Optical Bonding Screen reduces diffuse reflection and eliminate screen ghosting
- Professional Anti-glare, Anti-blocking(Scratch & Fingerprint), Anti-fouling surface treatment design to ensure smooth interaction along with Auto Brightness & Temperature Control
- Anti-blue Light Filter to protect human eyes, preventing the harmful blue light
- Fluent and Ultra-Fine Writing Experience with Quick response
- Annotation over Anything and Anywhere
- Built-in Android Whiteboard application with many features
- Quad view of Wireless Projection through Android, iOS and Windows up to 4 devices simultaneous projection, NFC projection by Android phones
- Split-Screen Mode enabling multi-tasking
- Multi-screen Interaction in Group Scenario
- Various Useful tools like Lock Screen, Screenshot, Screen Recorder, USB lock, Voting Tool, WPS Office Built-in etc.
- Dual systems of Android and Windows (Optional OPS Module) saving cost and easy to use, video conference software are recommended to run under Windows system for better performance and usability
- Advanced Industrial Design with elegant appearance suiting Modern Interior Environment

## ■ Specification

Product Model	
Product Model	DS-D5B86RB/EL
Panel	
Panel Type	Commercial A grade VA Panel
Surface Hardness	9H
Glass Bonding Method	Zero Lamination (Zero-gap bonding screen)
Surface Treatment	Anti-glare and Anti-fouling
Orientation	Landscape
Display	
Screen Size	86 inch
Backlight	DLED
Pixel Pitch	0.165(H) × 0.494(V) mm
Resolution	3840 × 2160 @60 Hz
Aspect Ratio	16:9
Refresh Rate	60 Hz
Viewing Angle	178°(H)/178°(V)
Brightness	400 cd/m <sup>2</sup> (Typ.)
Color Depth	10bit
Display Color	1.07G
Contrast Ratio	5,000:1 (Static); 30,000:1 (Dynamic)
Response Time	8 ms
Color Gamut	72% NTSC (CIE1931) (Typ.)
Surface Haze	25% Haze
Active Display Area	1895.04mm x 1065.96mm
Working Duration	7*16H
Lifespan	50,000 hours
Touch	
Type	Infrared Touch Screen
Touch Point	Max. 40 point multi-touch support (Android and Windows)
Touch Response Time	< 5 ms
Minimum Touch Object	≥ 2mm
Touch Precision	± 1 mm (≥ 90% touching area)
Touch Resolution	32768 x 32768
Built-in System	
Operation System	Android 13.0
Memory	4 GB
Built-in Storage	64 GB
Processor	Quad-core {Cortex-A55 x 4 (1.92GHz)}
GPU	Mali-G52 MP2 (2EE)
HDCP Version	Support 1.4/2.2/2.3
Optional OPS / PC Compatible Accessories	Built-in OPS/OPS-C Slot x 1
Internal Function	
Loudspeaker	Built-in 2 x 20 W loudspeaker
Bluetooth	Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.2

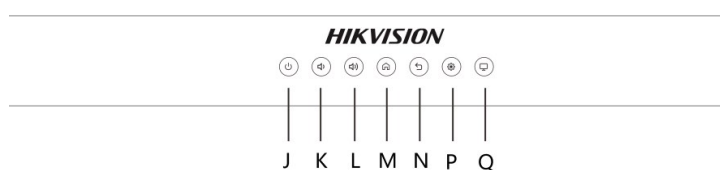
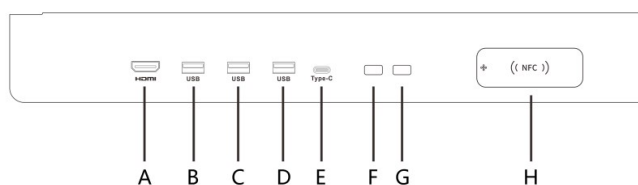
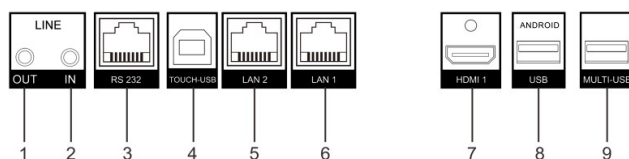
NFC	Support
Ambient Light Sensor	Yes (Auto Brightness Control)
Temperature Control	Yes
USB Lock	Yes
<b>Interface</b>	
Video & Audio Input	HDMI In (HDMI 2.0) × 2, Audio In × 1
Video & audio output	Audio Out × 1
Control interface	TOUCH-USB 2.0 × 1, RS232 × 1
NIC	LAN (100 Mbps) × 2 WIFI AP&Station, 2.4G/5G  WIFI AP : IEEE 802.11 a/b/g/n/ac 2x2 MIMO (2.4 GHz and 5 GHz) authentication protocols WEP, WPA, WPA2, PSK and 802.1X EAP WIFI Station : IEEE 802.11 a/b/g/n/ac 1x1 MIMO (2.4 GHz and 5 GHz) authentication protocols WEP, WPA, WPA2, PSK and 802.1X EAP
Data Transmission Interface	USB 3.0 × 3, USB 2.0 × 2, Type-C × 1 (Type-C supports USB 2.0)
<b>Power</b>	
Power Supply	100 to 240 VAC, 50/60 Hz
Standby Consumption	≤ 0.5 W
Average Consumption	268W
Maximum Consumption	326W
<b>Working Environment</b>	
Working Temperature	0 °C to 40 °C (32 °F to 104°F)
Working Humidity	10%~90% RH
<b>General</b>	
VESA	800 mm × 600 mm (4 × M8-25 mm)
Product dimensions	1960.44 mm × 1164.69 mm × 82.5 mm
Package Dimensions (W × H × D)	2157 mm × 1345 mm × 223 mm
Net Weight	59.71 kg
Gross Weight	79.0 kg
Accessory	Wall mount bracket, hook, user manual, stylus x 2, packing list, 1.5m power cable (European standard), remote controller
Optional Accessory	DS-D5ABKY2-S (Floor Mobile Stand) DS-D51S5/4S (OPS Module - i5 12th Gen, 8GB RAM, 256GB SSD, WiFi + Bluetooth, Windows 11) DS-D51S7/8S (OPS Module - i7 12th Gen, 16GB RAM, 512GB SSD, WiFi + Bluetooth, Windows 11)

For better user experience, we highly recommend you to update your device to the latest firmware asap.

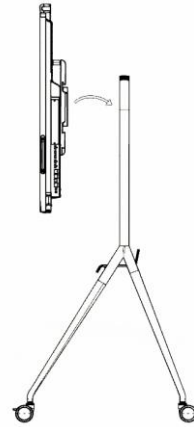
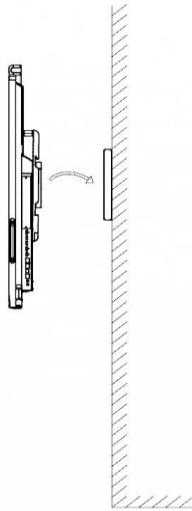
Specifications-Subject to change without notice, kindly contact Respective Sales person in your region to verify the same.

▪ **Physical Interface**

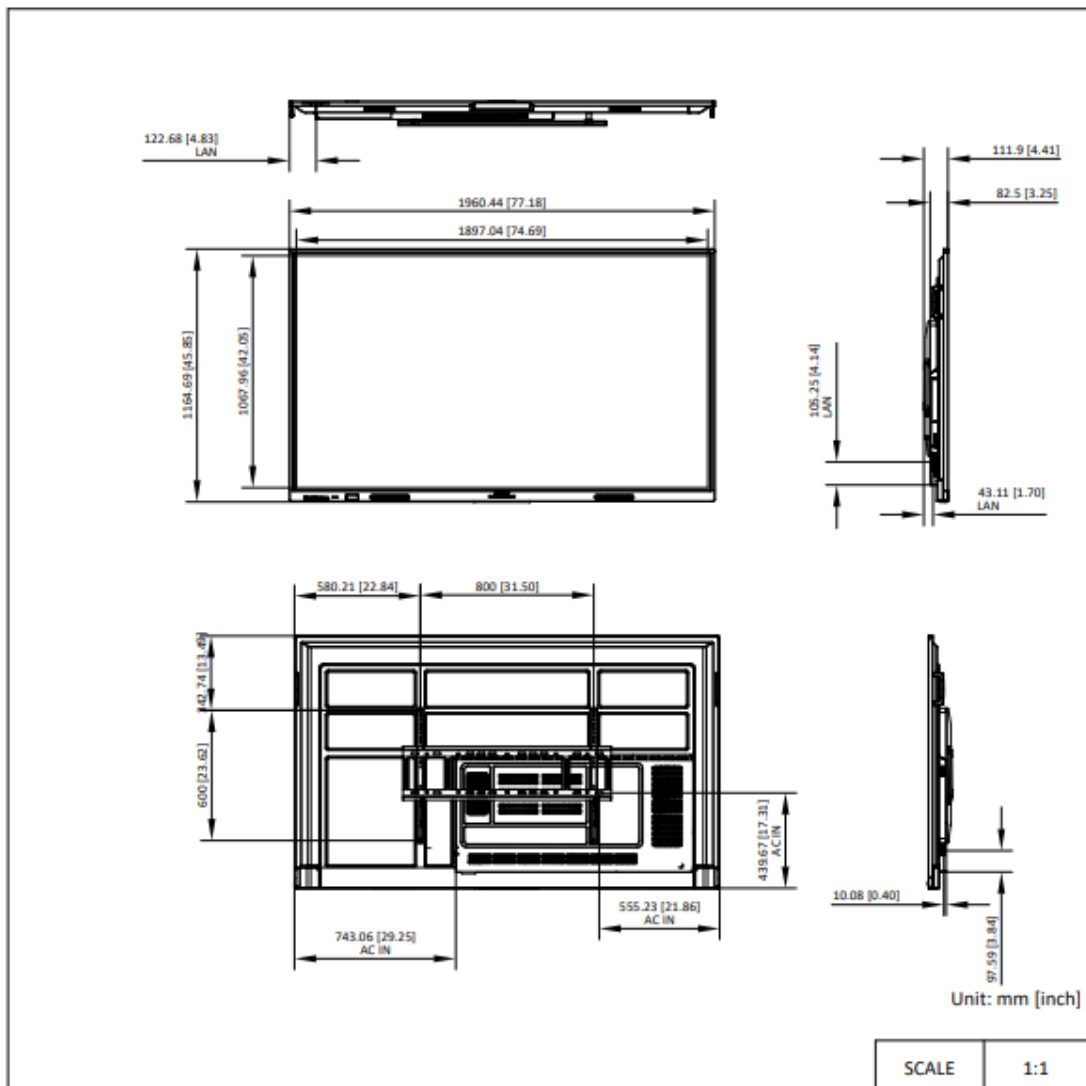
Interface	Description	Interface	Description
1.Line OUT	Audio output interface	E.Type-C	Type-C interface
2.Line IN	Audio input interface	F.	Light sensor
3.RS 232	serial port interface	G.	Remote-control unit
4.TOUCH-USB	Peripheral touch interface	H.	NFC area
5.LAN 2	LAN 2 interface	J.	Power Key
6.LAN 1	LAN 1 interface	K.	Volume -
7.HDMI IN 1	HDMI 1 input interface	L.	Volume +
8.ANDROID USB	Android USB interface	M.	Android host menu
9.MULTI-USB	Multi-functional USB Interface	N.	Return
A.HDMI	HDMI input interface	P.	Control menu
B.USB	Multi-functional USB Interface	Q.	PC shutdown
C.USB	Multi-functional USB Interface		
D.USB	Multi-functional USB Interface		



▪ Installation (Wall Mount & Floor Mobile Stand)

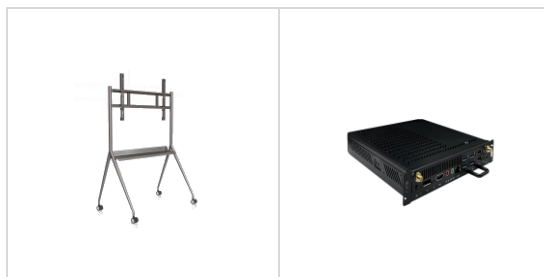


▪ Dimension



▪ Available Model – DS-D5B86RB/EL

▪ Optional Accessories



▪ **Notes**

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