

DS-D5C75RB/B2L 75-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-point touch control and smooth writing experience.
- Built-in network switch chip saves a network switch.
- Multi-button design in front, convenient for classroom use.
- All-in-one design with tempered glass and intelligent temperature control, making it environmental-friendly and safety-guaranteed.
- Built-in Android 14 system, EDLA Certified



Specification

Product Model					
Product Model	DS-D5C75RB/B2L				
Display					
Screen Size	75 inch				
Backlight	DLED				
Pixel Pitch	0.143 (H) × 0.429 (V) mm				
Resolution	3840 × 2160 @60 Hz				
Brightness	480 cd/m² (Typ.)				
Color Depth	10 bit				
Display Color	1.07 G				
Response Time	5 ms				
Panel Type	VA				
0 1 10 11	5000:1 (Static)				
Contrast Ratio	30,000:1 (Dynamic)				
Color Gamut	72% NTSC (CIE1931) (Typ.)				
Refresh Rate	60 Hz				
Viewing Angle	178° (H)/178° (V)				
Aspect Ratio	16:9				
	9H (Pencil)				
Surface Hardness	7 (Mohs)				
Surface Glass	Anti-Glare Glass				
Surface Haze	25% Haze				
Glass Bonding Method	Zero Lamination				
Display Area	1650.24 (H) × 928.26 (V)				
Working Duration	7×16 H				
Transmittance	88% ± 3				
Lifespan	50,000 hours				
Touch					
Туре	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	32768 × 32768				
Built-in System					
Operation System	Android 14.0				
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 & 2.0 & 1.4				
Camera					
Pixel	Pixel 48 MP for Photos & 8 MP for Video				
Camera Function	Support intelligent switching between Android system, OPS, and PC.				
	93.4° (diagonal), 84.5° (horizontal), 54.1° (vertical)				



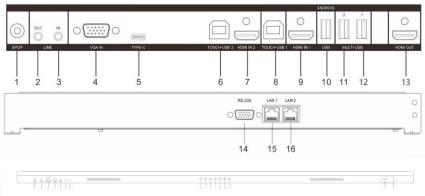
Distortion	≤ 2.5%				
Camera Resolution Ratio	Up to 4K				
Microphone					
Specification	Omni-directional 8-array layout				
Mic Function	Echo reduction and smart noise-cancellation				
Voice Distance	12 m				
Sampling Rate	32 K				
Mic Depth	16 bit				
Internal Function					
Loudspeaker	Built-in 2 × 20 W + 25 W loudspeaker;				
Bluetooth	Built-in BLE (Bluetooth Low Energy) module supports Bluetooth 5.4				
	Support card reader				
NFC	13.56 MHz, (ISO 14443A/ ISO 14443B/ ISO 15693)				
Light Sensor	Yes				
Image Processing Technology	Support 3D digital noise reduction, face detection, automatic white balance, automatic purple edge removal, automatic defogging; support shadow correction.				
Audio Processing Technology	Support dereverberation, adaptive noise reduction, adaptive non-stationary noise reduction, adaptive echo cancellation, automatic gain control, automatic electrical level control, sound source localization, speech dynamic detection, digital beam forming, speech detection.				
Humidity and Temperature Sensor	Relative humidity accuracy: up to \pm 1.5 %RH; Temperature accuracy: up to \pm 0.1 °C				
Interface					
Video & Audio Input	HDMI 2.0×3 (Front \times 1; Rear \times 2; Support HDCP $2.3 \& 2.0 \& 1.4$) VGA \times 1 (Rear) Audio \times 1 (Rear)				
Video & audio output	HDMI 2.0 × 1 (Rear) Audio × 1 (Rear) SPDIF × 1 (Rear)				
Control interface	TOUCH-USB 3.0×1 (Front $\times 1$) TOUCH-USB 2.0×2 (Rear $\times 2$) RS232 $\times 1$ (Rear)				
Network Interface	LAN (1000 Mbps) × 2 (Rear) Wi-Fi AP & Station, 2.4 G/5 G Wi-Fi 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 (Front $\times 2$; Rear $\times 2$) USB 2.0×1 (Rear) Type-C $\times 2$ (Front $\times 1$; Rear $\times 1$; Support USB 2.0 , 100 W charging functions, DPIN 1.2)				
Power					
Power Supply	100 to 240 VAC, 50/60 Hz				
Standby Consumption	≤ 0.5 W				
Average Consumption	< 237 W				
Working Environment					
Working Temperature	0 °C to 40 °C (32 °F to 104 °F)				
9 1					



General				
VESA	800 mm × 400 mm (4 × M8-25 mm)			
Accessory	Wall mount bracket, hook, user manual, touch writing pen, packing list, 3 M touch USB cable, 3.5 M HDMI cable (2.0), 3 M power cable, remote control, screen cleaning cloth.			
Package Dimensions (W × H × D)	1907 × 1160 × 223 mm			
Net Weight	45.9 ± 0.5 kg			
Gross Weight	63.5 ± 0.5 kg			
Product Dimensions (With Wall Attachment)	1713.2 × 1034.5 × 114.5 mm			
Product Dimensions (Without Wall Attachment)	1713.2 × 1034.5 × 82.5 mm			

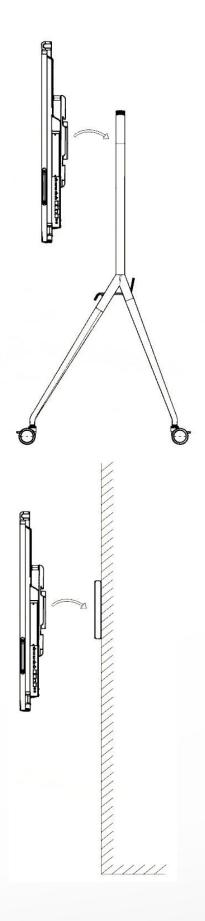
Physical Interface

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 with DP input	6.TOUCH-USB 2	Peripheral touch interface
7.HDMI IN 2	HDMI 2 input interface	8.TOUCH-USB	Peripheral touch interface
9.HDMI IN 1	HDMI 1 input interface	10.USB	USB 2.0 interface
11.MULTI-USB 2	Multi-functional USB 3.0 interface	12.MULTI-USB 1	Multi-functional USB 3.0 interface
13.HDMI OUT	HDMI output interface	14.RS 232	RS 232 Control interface
15.LAN 1	LAN 1 interface	16. LAN 2	LAN 2 interface
A.USB	USB 3.0 interface	B.USB	USB 3.0 interface
C.TOUCH-USB	Peripheral touch interface	D.HDMI IN	HDMI input interface
E.TYPE-C	Type-C interface with DP input	F.	Light sensor
G.	Remote-control unit	Н.	Power Key
J.	Volume -	K.	Volume +
L.	Android host menu	M.	Return
N.	Control menu	P.	PC shutdown
R.	NFC area	S.	Humidity & Temperature Sensor





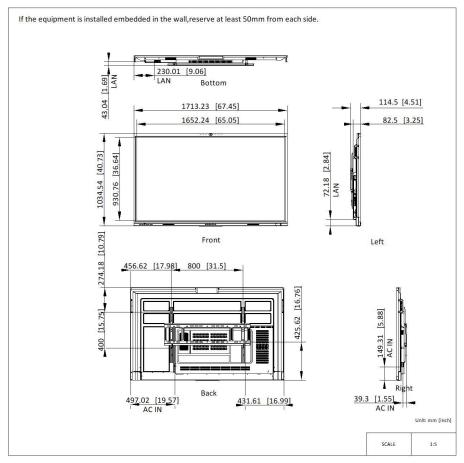
Installation

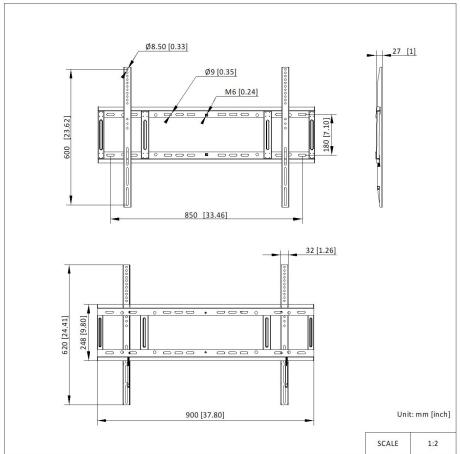


■ Available Model DS-D5C75RB/B2L(EDLA)



Dimension







Accessory

Optional

DS-D5ABKY2-S 55-65-75" Conference Flat Panel Brackets	DS-UVC-X12 Portable Conference Camera	iDS-UVC-X28 Smart Conference Camera	DS-D5SC3B-B Wireless Dongle	DS-D5SC3B-W Wireless Dongle
				1 0 mc 0
DS-D51C08D Document Camera	DS-D5ABKY2-M 75-86" Conference Flat Panel Brackets	DS-D5AC12T5-8S2 OPS Module	DS-D5AC12T7-16S5 OPS Module	DS-D5ABKY3-EL 55-65-75-86" Conference Flat Panel Brackets

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