

DHI-LPH65/75/86-ST420

65/75/86 inch Smart interactive whiteboard



- 65/75/86-inch 4K DLED display with Zero Air Gap technology that delivers a clear image in sharp, vivid colors.
- Wireless screen sharing from multiple devices with an intuitive, easy-to-use system.
- 8 physical front buttons for quick access to functions.
- Smooth writing experience, and handwriting recognition.
- Quick file sharing by scanning a QR code, with easy file encryption for added privacy and security.
- · Switches between Android and Windows, and OPS module is optional.

Series Overview

Dahua DeepHub Smart Interactive Whiteboard for education has powerful processing capabilities with its 4-core CPU and up to 8 GB RAM and 64 GB storage capacity. Equipped with a high-precision infrared frame with a 2 mm identification diameter, and a 4K high-definition DLED module, this whiteboard will give you an extraordinary experience with writing, controlling the whiteboard and displaying content on it. It features wireless screen sharing, file management, HD display, scan & go, and more AI functions to enhance your experience. You can rely on this whiteboard to modernize your classrooms.

Functions

4K HD Display

With up to 3840×2160 resolution, the 4K HD display delivers a clear image in sharp, vivid colors.

AI Recognition of Drawings

Identifies hand-drawn structures such as straight lines, arrow-straight lines, arrow-dotted lines, triangles, parallelograms, trapezoids, rectangles, pentagons, circles, cylinders, pentagrams, semicircles, and ellipse.

File Management

Supports managing and using Office files, image, video and audio files, and file formats such as PDF and TXT.

Screen Down Reachability

The system supports pulling down the screen to 1/3 the full height, to place the entire screen at a reachable distance for you.

Screen Sharing

The content on your screen can be freely shared with one other device through a wired connection.

Wireless Screen Sharing

In addition to basic file sharing, the device offers wireless screen sharing, interactive operations between two screens, and reverse transmissions. It also supports screen grouping (multiple transmission), host mode (for overall permission control), real-time transmission of images, videos and audios from the wireless camera of the mobile phone to the device, and split-screen mode that displays up to 9 splits on the same screen.

Hidden Antenna Design

The Wi-Fi and hotspot antenna is neatly concealed in the front of the device, ensuring the stability of the signal strength when using a flush mount, and giving the device its simple and sleek appearance.

Similar to Real Writing Experience

The electronic whiteboard supports pen-point writing. It comes equipped with specialized pressure-sensitive writing pens, designed to enhance the writing experience. With its soft, comfortable nib, writing on the whiteboard feels natural, similar to the real writing experience.

Scene

The DeepHub Lite for Edu series is ideal for use in classrooms and other indoor sites.

Public P	Technical Specification			
Operating System Ancord 13 Ministricity ×1 (1 min prof.) Ministricity ×1 (1 min prof.) <td colspan="2">Built-in System</td>	Built-in System			
CPU CPU Frequency 1.9 d/L Regar Port Micro USB - 1 st 2 yr 2 yr 1 st 2 yr 1 yr	Operating System	Android 11	HDMI Out × 1	
GO Fig AND Mark LoSD MP2 (212)	CPU	Quad-core A55	Micro USB \times 1 Rear Port RS-232 \times 1 RJ45 ln \times 1 RJ45 Out \times 1 Audio ln \times 1 (3.5 mm port, used to play sound wit VGA) Audio Out \times 1 (3.5 mm port) SPDIF Out \times 1 (Optical port)	Micro USB × 1
GPU AMM Assile-SQL Mind (2018) VEX. Mode (2018) ASSILE (2018)	CPU Frequency	1.9 GHz		
RAM 8 6k (8 potional 2 cit) Function Function LCD Panel Function Function Yes Panel Dimensions dC incity 75 inch; Rd inch IR Receiver Yes Backlight DLD Wireless Access Point Wirel 53, 2, 4 GHz/5 GHz; Supports enabling Hotsopal and with Fra the sometime Brightness 400 col/m² (typ.) Touch Technology Type Informational of Fragment Study Incimology Contract Viz. 4000 (PS 1200 Attachment Method 2 der O in Go Resolution 3646 x 1102 Resonate Time 4 flore Resolution 1.07 B Touch Points Android 22, Vindows 40 Response Time 8 ms (typ.) 2 mm 4 mm (over 95% Aven) Refresh Rate 40 Fu Communication Mode Fire Per (outsides magnetically) Wi-Fi STATION 802.118/gh//aloc Communication Mode Anti-dazzle tempered glass Wi-Fi Frequency Range Viz. 5 SSS M Mills Surface Pardness 84 Wi-Fi Frequency Range CE E Riv Surface Pardness 80 Wi-Fi Frequency Range CE E Riv Surface Pardness	GPU	ARM Mali-G52 MP2 (2EE)		VGA)
Note Panel	RAM	8 GB (optional 4 GB)		
Panel Damesions	ROM	64 GB (optional 32 GB)	Franchic a	OPS slot × 1
Backlight BLD Wireless Access Point Will 5 2.4 GHz/S GHz, Supports enabling Hotsoon and Wi-Flat the same time Aspect Ratio 16:00 Touchscreen Touch screen Touch Screen Touch Screen Inflated touch technology Mark Flat the same time Contrast Vx2.600; PS: 1000 40 Cadm* Hzp. 1 Touch Rechnology Type Inflated touch technology Mesolution 3840 x 2100 Response Time \$10 ms \$10 ms Vewing Angle 10:76 N Touch Points Android 32, Windows: 40 Response Time 8ms (by.) You Accuracy 1 time (wer 90% Aren) Refresh Rate 80 Hz You Height \$2.5 mm Wi-Fi Yes Communication Mode LISR Wi-Fi Standard Wi-Fi Standard Wi-Fi Standard Surface Hardness BH Wi-Fi Frequency Range Yes Anti-light Interference Anti-light Interference<	LCD Panel			Voc
Backlight DEFD Vorcess Access rount and Wi Fait the same time Aspect Ratio 16:09 Touchs creen Brightness 400 cd/m² (typ.) Touch Technology Type Infrared touch technology Contrast VA: 4000 (PS: 1200 Attachment Method Zero Air Cop Resolution 3849 2:160 Response Time 510 ms Uleving Angle 17% (ft) / 17% ft) Touch Accuracy ± 1 mm fover 50% Area Ulesgan 50,000 hours Touch Accuracy ± 1 mm fover 50% Area Response Time 8m (typ.) Valid Touch ± 1 mm fover 50% Area Refresh Rate 60 Hz Writing Mode Finger + Pen (attaches magnetically) Refresh Rate 60 Hz Communication Mode USB Wri-F1 Standard Wri-F1 Standard Wri-F1 Area (2.115/p/m/a/ac Surface Hardness Mnti-dazze tempered plass Wri-F1 Frequency Range 2000-2481.5 MHz, 510-5350 MHz, 5470-5470-5470 Surface Hardness 2 Max Power Transmission CE EDP- 2-2 diam/95470-5725 MHz; 521 diam/954	Panel Dimensions	65 inch; 75 inch; 86 inch		
Aspect Ration 1500 ct/m² (kp.) Touch Technology Type Infrared touch technology Contrast VA. 4000; IPS: 1200 Attachment Method 2aro Air Gap Resolution 3840 × 2100 Response Time \$10 ms Viewing Angle 178" (H) / 178" (V) Touch Points Android: 32, Windows: 40 Lifespan \$0,000 hours Touch Accuracy £1 mm (over 90% Ares) Response Time 8 ms (kpr.) Valid Touch 2 mm Response Time 8 ms (kpr.) Touch Height <7.5 mm	Backlight	DLED	Wireless Access Point	
According According (by) According According (by)	Aspect Ratio	16:09	Touchscreen	
Contrast VA: ADDIT; PS: 1200 Response Time \$10 ms Resolution 3840 × 2160 Touch Points Android: 32, Windows: 40 Viewing Angle 178" (H) / 178" (V) Touch Points Android: 32, Windows: 40 Display Color 1.07 B Valid Touch 2 mm Response Time 8 ms (Vp.) Touch Height <2.5 mm	Brightness	400 cd/m² (typ.)	Touch Technology Type	Infrared touch technology
Resolution 38/10 × 160 Viewing Angle 178" (H) / 178" (V) Touch Points Android: 32, Windows: 40 Lifespan 50,000 hours Touch Accuracy ± 1 mm (over 90% Area) Display Color 1.07 B Valid Touch 2 mm Response Time 8 ms (kyp.) Touch Height <2.5 mm Refresh Rate 60 Hz Writing Mode Finger+ Pen (attaches magnetically) Device Ports Wi-Fi Standard Wi-Fi STATION 802.11b/gin/alas; Writing Mode USB Wi-Fi Standard Wi-Fi STATION 802.11b/gin/alas; Writing Mode Sufface Hardness 8H Wi-Fi Frequency Range Max Power Parameters Surface Hardness 8H Touch Resolution 32767 × 32767 Speaker Speaker Speaker Power Power 2.0 sound channel, front-end: 2 × 15 W Max Power Transmission (Wi-Fi) Ves Built-in Speaker 2 2.0 sound channel, front-end: 2 × 15 W Bluetooth Ves Power Supply 100-240 VAC, 50/60 Hz Bluetooth Ves Power Supply<	Contrast	VA: 4000; IPS: 1200	Attachment Method	Zero Air Gap
Lifespan 178*(H) 178*(V)	Resolution	3840 × 2160	Response Time	≤10 ms
Display Color	Viewing Angle	178° (H) / 178° (V)	Touch Points	Android: 32, Windows: 40
Display Color 1.07 8	Lifespan	50,000 hours	Touch Accuracy	± 1 mm (over 90% Area)
Response Time 8 ms (typ.) Refresh Rate 60 Hz Writing Mode Finger + Pen (attaches magnetically) Device Ports Communication Mode USB Wi-FI Yes Anti-light Interference Anti-dazzle tempered glass Wi-FI Standard Wi-FI Standard Wi-FI AP 802.11b/g/n/a/ac; Wi-FI AP 802.11b/g/n/a/ac; Mi-FI AP 80	Display Color	1.07 B	Valid Touch	2 mm
Device Ports	Response Time	8 ms (typ.)	Touch Height	<2.5 mm
Wi-Fi Yes Anti-light Interference Anti-dazzle tempered glass Wi-Fi Standard Wi-Fi Standard Wi-Fi Spa 20.11b/g/n/a/ac; Wi-Fi AP 802.11b/g/n/a/ac; Wi-Fi AP 802.11b/g/n/a/ac; Wi-Fi Frequency Range Surface Hardness 8H Wi-Fi Frequency Range 2400-2483.5 MHz, 5150-5350 MHz; 5725-5850 MHz Speaker Max Power Transmission (Wi-Fi) CE FIRP: 20 dBm@2400-2483.5 MHz; 223 dBm@5150-5250 MHz; 220 dBm@2530-5350 MHz; 227 dBm@2470-7272 MHz; 214 dBm@5725-5850 MHz Built-in Speaker 2 Bluetooth Yes Power 2.0 sound channel, front-end: 2 × 15 W General General Fower Supply 100-240 VAC, 50/60 Hz Bluetooth Yes Power Supply 100-240 VAC, 50/60 Hz Bluetooth Standard BfS2 (Bluetooth wersion) Power Consumption 65-inch: 120 W (typ.): 200 W (max.) 75-inch: 150 W (typ.): 300 W (max.) 88-inch: 200 W (typ.): 300 W (max.) 88-inch: 200 W (typ.): 400 W (max.) Bluetooth Frequency Range 2400-2483.5 MHz Standby Power Consumption 50.5 W Max Power Transmission (Bluetooth) CE EIRP: <20 dBm@2400-2483.5 MHz	Refresh Rate	60 Hz	Writing Mode	Finger + Pen (attaches magnetically)
Wi-Fi Yes Surface Hardness 8H Wi-Fi Standard Wi-Fi STATION 802.11b/g/n/a/ac Touch Resolution 32767 × 32767 Wi-Fi Frequency Range 2400-2483.5 MHz, 5150-5350 MHz, 5470-5725 MHz, 5725-5850 MHz Speaker Speaker Max Power Transmission (Wi-Fi) CE EIRP: 220 d8m@92150-5250 MHz; 220 d8m@9250-5350 MHz; 220 d8m@95720-57350 MHz; 214 d8m@5725-5850 MHz Power 2.0 sound channel, front-end: 2 × 15 W Bluetooth Yes Power Supply 100-240 VAC, 50/60 Hz Bluetooth Standard BR/EDR/BLE (Bluetooth mode) BT5.2 (Bluetooth wersion) Power Consumption 65-inch: 120 W (typ.); 200 W (max.) 75-inch: 150 W (typ.); 300 W (max.) Bluetooth Frequency Range 2400-2483.5 MHz Standby Power Consumption 50.5 W Max Power Transmission (Bluetooth) CE EIRP: s20 d8m@2400-2483.5 MHz Operating Temperature 0 °C to +40 °C (+32 °F to +104 °F) Light Sensor Yes Storage Temperature -10 °C to +50 °C (+14 °F to +122 °F) Front Button 8 buttons (power, home, menu, signal source, touch lock, curtain, volume, and annotation) Operating Temperature -10 °C to +50 °C (+14 °F to +122 °F) Front Ports Type C x 1 (4k@60 Hz, Touch) HDMI n x 1 (4k@60 Hz, Touch) <td< td=""><td colspan="2">Device Ports</td><td>Communication Mode</td><td>USB</td></td<>	Device Ports		Communication Mode	USB
Wi-Fi Standard Wi-Fi AP 802.11b/g/n/a/ac Touch Resolution 32767 x 32767 Wi-Fi Frequency Range 2400-2483.5 MHz, 5150-5350 MHz, 5470-5725 MHz, 5275-5850 MHz Speaker 2 Max Power Transmission (Wi-Fi) CE EIRP: 220 dBm@2400-2483.5 MHz; 523 dBm@5150-5250 MHz; 527 dBm@5420-5725 MHz; 514 dBm@5725-5850 MHz Built-in Speaker 2 220 dBm@5150-5250 MHz; 527 dBm@5470-5725 MHz; 514 dBm@5725-5850 MHz General Bluetooth Yes Power Supply 100-240 VAC, 50/60 Hz Bluetooth Standard BR/EDR/BLE (Bluetooth mode) BTS.2 (Bluetooth version) Power Consumption 65-inch: 120 W (typ.); 200 W (max.) 86-inch: 200 W (typ.); 300 W (max.) 86-inch: 200 W (typ.); 400 W (max.) Bluetooth Frequency Range 2400-2483.5 MHz Standby Power Consumption \$0.5 W Max Power Transmission (Bluetooth) CE EIRP: \$20 dBm@2400-2483.5 MHz Operating Temperature 0 °C to +40 °C (+32 °F to +104 °F) Light Sensor Yes Storage Temperature -10 °C to +50 °C (+14 °F to +122 °F) Front Button 8buttons (power, home, menu, signal source, touch lock, curtain, volume, and annotation) Operating Humidity 10%-90% (RH) Front Ports Type C x 1 (4k@60 Hz, Touch) HDMI in x 1 (4k@60 Hz, Touch) LUSB 3.0 Type B x 1 (Touch) LUSB 3.0 Type B x 2 Mi	Wi-Fi	Yes	Anti-light Interference	Anti-dazzle tempered glass
Max Power Transmission Wi-Fi Frequency Range A00-2483.5 MHz, 5150-5350 MHz Speaker Spe	Wi-Fi Standard		Surface Hardness	8H
MHz, 5725-5850 MHz CE EIRP: 20 dBm@2400-2483.5 MHz; 220 dBm@5150-5250 MHz; 221 dBm@5470-5725 MHz; 214 dBm@5725-5850 MHz; 2154 dBm@5725-5850 MHz; 2164 dBm@5725-5850 MHz; 217 dBm@65470-5725 MHz; 218 dBme5470-5725 MHz; 218 dBme5470-5725 MHz; 219 dBme5470-5725 MHz; 210 dBme5470-5725 MHz; 210 dBme5470-5725 MHz; 211 dBme5470-5725 MHz; 212 dBme5470-5725 MHz; 213 dBme5470-5725 MHz; 214 dBme5725-5850 MHz Bluetooth Wes Power Supply 100-240 VAC, 50/60 Hz Power Consumption 65-inch: 120 W (typ.); 200 W (max.) 75-inch: 150 W (typ.); 300 W (max.) 86-inch: 200 W (typ.); 400 W (max.) 86-inch: 200 W (typ.); 40			Touch Resolution	32767 × 32767
Max Power Transmission (Wi-Fi) Suntername Sunterna	Wi-Fi Frequency Range		Speaker	
Wi-Fi September Septembe		≤20 dBm@2400-2483.5 MHz; ≤23 dBm@5150-5250 MHz; ≤20 dBm@5250-5350 MHz; ≤27 dBm@5470-5725 MHz;	Built-in Speaker	2
Bluetooth Yes Bluetooth Standard BR/EDR/BLE (Bluetooth mode) BT5.2 (Bluetooth version) Bluetooth Frequency Range Amay Power Transmission (Bluetooth) CE EIRP: \$20 dBm@2400-2483.5 MHz Ce EIRP: \$20 dBm@2400			Power	2.0 sound channel, front-end: 2 × 15 W
Bluetooth Standard BR/EDR/BLE (Bluetooth mode) BT5.2 (Bluetooth version) Bluetooth Frequency Range 2400-2483.5 MHz Max Power Transmission (Bluetooth) CE EIRP: \$20 dBm@2400-2483.5 MHz Departing Temperature O °C to +40 °C (+32 °F to +104 °F) Front Button Standby Power Consumption O °C to +40 °C (+32 °F to +104 °F) Storage Temperature O °C to +50 °C (+14 °F to +122 °F) Front Button Storage Temperature Operating Humidity Operating Humidity Departing Humidity Operating Humidity Type C × 1 (4K@60 Hz, Touch) HDMI In × 1 (4K@60 Hz) USB 3.0 Type-B × 1 (Touch) USB 3.0 Type-B × 1 (Touch) USB 3.0 Type-B × 1 (Touch) USB 3.0 Type A × 2 Mic In × 1 (3.5 mm port) Glass A mm Anti-dazzle tempered glass			General	
Bluetooth Standard BT5.2 (Bluetooth version) BIUDITY STANDARD BT5.2 (Bluetooth version) BIUDITY STANDARD BT5.2 (Bluetooth version) BIUDITY STANDARD BIUDITY BIUDITY STANDARD BIUDITY BIU	Bluetooth	Yes	Power Supply	100–240 VAC, 50/60 Hz
Max Power Transmission (Bluetooth) CE EIRP: ≤20 dBm@2400-2483.5 MHz Operating Temperature 0 °C to +40 °C (+32 °F to +104 °F) Light Sensor Yes Storage Temperature -10 °C to +50 °C (+14 °F to +122 °F) Front Button 8 buttons (power, home, menu, signal source, touch lock, curtain, volume, and annotation) Operating Humidity 10%-90% (RH) Front Ports Type C × 1 (4K@60 Hz, Touch) HDMI In × 1 (4K@60 Hz) USB 3.0 Type-B × 1 (Touch) USB 3.0 Type-B × 1 (Touch) USB 3.0 Type A × 2 Mic In × 1 (3.5 mm port) Product Material Metal Glass 4 mm Anti-dazzle tempered glass	Bluetooth Standard		Power Consumption	75-inch: 150 W (typ.); 300 W (max.)
(Bluetooth) CE EIRP: ≤20 dBm@2400-2483.5 MHz Operating Temperature 0 °C to +40 °C (+32 °F to +104 °F) Storage Temperature −10 °C to +50 °C (+14 °F to +122 °F) Front Button 8 buttons (power, home, menu, signal source, touch lock, curtain, volume, and annotation) Type C × 1 (4K@60 Hz, Touch) HDMI In × 1 (4K@60 Hz) USB 3.0 Type-B × 1 (Touch) USB 3.0 Type-B × 2 Mic In × 1 (3.5 mm port) Operating Temperature 0 °C to +40 °C (+32 °F to +104 °F) 10%-90% (RH) 10%-90% (RH) Front Ports Metal Glass 4 mm Anti-dazzle tempered glass	Bluetooth Frequency Range	2400-2483.5 MHz	Standby Power Consumption	≤0.5 W
Front Button 8 buttons (power, home, menu, signal source, touch lock, curtain, volume, and annotation) Type C × 1 (4K@60 Hz, Touch) HDMI In × 1 (4K@60 Hz) USB 3.0 Type-B × 1 (Touch) USB 3.0 Type A × 2 Mic In × 1 (3.5 mm port) Operating Humidity 10%–90% (RH) 10%–90% (RH) Product Material Metal Metal Glass 4 mm Anti-dazzle tempered glass		CE EIRP: ≤20 dBm@2400-2483.5 MHz	Operating Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Front Button lock, curtain, volume, and annotation) Type C × 1 (4K@60 Hz, Touch) HDMI In × 1 (4K@60 Hz) Front Ports USB 3.0 Type B × 1 (Touch) USB 3.0 Type A × 2 Mic In × 1 (3.5 mm port) Storage Humidity 10%—90% (RH) Metal Metal Glass 4 mm Anti-dazzle tempered glass	Light Sensor	Yes	Storage Temperature	-10 °C to +50 °C (+14 °F to +122 °F)
Type C × 1 (4K@60 Hz, Touch) HDMI In × 1 (4K@60 Hz) USB 3.0 Type-B × 1 (Touch) USB 3.0 Type A × 2 Mic In × 1 (3.5 mm port) Storage Humidity 10%–90% (RH) Metal Metal Metal Glass 4 mm Anti-dazzle tempered glass	Front Button		Operating Humidity	10%-90% (RH)
Front Ports USB 3.0 Type-B × 1 (Touch) USB 3.0 Type A × 2 Mic In × 1 (3.5 mm port) Product Material Metal 4 mm Anti-dazzle tempered glass	Front Ports	Type C × 1 (4K@60 Hz, Touch) HDMI In × 1 (4K@60 Hz) USB 3.0 Type-B × 1 (Touch) USB 3.0 Type A × 2	Storage Humidity	10%-90% (RH)
Mic In × 1 (3.5 mm port) Glass 4 mm Anti-dazzle tempered glass			Product Material	Metal
Casing Color (Frame/Rear) Bottom/top: Silver; left/right: black; back: black			Glass	4 mm Anti-dazzle tempered glass
			Casing Color (Frame/Rear)	Bottom/top: Silver; left/right: black; back: black

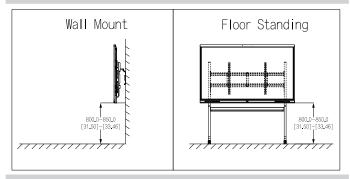
DeepHub Lite for Edu Series | DHI-LPH65/75/86-ST420

Product Dimensions	65-inch: 1,485.2 mm × 93.0 mm × 924.5 mm (58.47" × 3.66" × 36.40") 75-inch: 1,707.5 mm × 93.0 mm × 1,050.0 mm (67.22" × 3.66" × 41.34") 86-inch: 1,953.2 mm × 93.0 mm × 1,187.9 mm (76.90" × 3.66" × 46.77")	
Packaging Dimensions	65-inch: 1,580.0 mm × 200.0 mm × 1030.0 mm (62.20" × 7.87" × 40.55") 75-inch: 1,800.0 mm × 200.0 mm × 1,165.0 mm (70.87" × 7.87" × 45.87") 86-inch: 2,050.0 mm × 200.0 mm × 1,310.0 mm (80.71" × 7.87" × 51.57")	
Net Weight	65-inch: 40 kg (88.19 lb) 75-inch: 52 kg (114.64 lb) 86-inch: 68 kg (149.92 lb)	
Gross Weight	65-inch: 50 kg (110.23 lb) 75-inch: 65 kg (143.30 lb) 86-inch: 82 kg (180.78 lb)	
Holes Distance	65-inch: 500 mm × 400 mm (19.69" × 15.75") 75-inch: 600 mm × 400 mm (23.62" × 15.75") 86-inch: 800 mm × 400 mm (31.50" × 15.75")	
Installation	Wall mount; mobile bracket	
Packing List	Smart interactive whiteboard × 1 Power cord × 1 Passive stylus pen × 2 HDMI cable × 1 Quick start guide × 1 Wall mount bracket (already installed on the whiteboard) × 1 Accessory package × 1 Remote control × 1 Legal and Regulatory Information × 1	

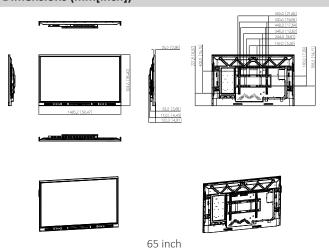
Certification

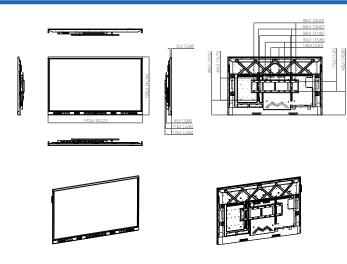
Certifications	CE, CB, Energy Star, ERP, RoHS, WEEE

Installation

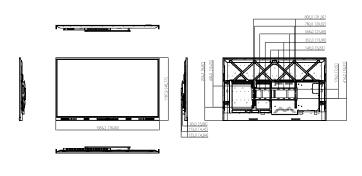


Dimensions (mm[inch])

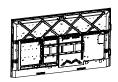




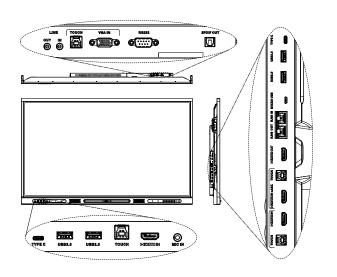
75 inch







Panels



Rev 002.000

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