

TECHNICAL PRODUCT SHEET

TDHNIFDX

65/75/86" Smart Interactive Whiteboard



Features

- 65/75/86-inch 4K DLED display with Zero Air Gap technology delivers a clear image in sharp, vivid colors
- Wireless screen sharing from multiple devices with an intuitive, easy-to-use system
- Ultra-smooth writing experience with handwriting recognition
- Quick file sharing by scanning a QR code, with easy file encryption for added privacy and security
- Optional OPS module, dual-system switchable

Technical Specification

Built-in System	
Operating System	Android 11
CPU	Quad-core A53 + Quad-core A73, 2.2GHz
RAM	8GB
ROM	64GB
MDM Support	HN SIMS HN Device Management System
OTA upgrade	Yes
LCD Panel	
Panel Dimensions	65-inch; 75-inch; 86-inch
Brightness	65-inch: 400 cd/m2; 75-inch: 400 cd/m2; 86-inch: 400 cd/m2;
Contrast	1200: 1
Resolution	3840 (H) × 2160 (V)
Refresh Rate	60Hz
Response Time	65: 6.5ms; 75: 8.5ms; 86: 8ms
Aspect Ratio	16: 9
Backlight	DLED
Lifespan	30,000 hours
Viewing Angle	H: 178°; V: 178°
Touchscreen	
Touch Technology Type	Infrared touch technology
Touch Points	Android: 21; Windows 40
Writing Mode	Finger + Pen
Response Time	<10 ms
Valid Touch	2 mm
Communication Mode	USB
Camera & Microphone	
Camera Resolution	48MP
Microphone	Built-in 8 array microphone
Speaker	
Built-in Speaker	3
Power	Full frequency: 15 W × 2; Bass: 15 W × 1
Function	
Operating System of External Module	Windows 7/8/10;Android
WiFi	Dual-band 2.4G/5G
WiFi Hotspot	Dual-band 2.4G/5G; supports enabling Hotspot and Wi-Fi at the same time

Device Ports	
Light Sensor	1 (for auto brightness adjustment)
Network Port	2 × RJ-45 (1000M, 1 in, 1 out, RTL8367, fixed hardware MAC address)
WiFi	1 × Wi-Fi; 1 × Hotspot, 802.11 a/b/g/n/ac, (NXP88W8997, fixed hardware MAC address), support PEAP/EAP-GTC authentication protocol within 802.1X
Bluetooth	Bluetooth 5.2, with wireless speaker & microphone support
USB	Front: 2 × USB3.0 Type A (both Android and Windows, support external Keyboard & mouse) 1 × USB 3.0 Type-B (touch) Rear: 2 × USB3.0 Type A (both Android and Windows, support external Keyboard & mouse) 3 × USB 3.0 Type-B (touch)
USB-C	Front: 1 × USB Type-C (4K@60fps Video input, Touch, 65W PD charging) Rear: 1 × USB Type-C (4K@60fps Video input, Touch, 15W PD charging)
RS-232	1 × RS-232
Video Input	Switchable (by remote controller or menu): 3 × HDMI IN (1 Front, 2 Rear, 4K@60Hz) 1 × VGA IN (Rear, 1080p@60Hz) 1 × DP IN (Rear, 4K@60Hz)
Video Output	1 × HDMI OUT
Audio Input	1 × 3.5 mm Line in (Rear, for VGA) 1 × 3.5 mm Mic (Front)
Audio Output	1 × 3.5 mm (Line OUT) 1 × SPDIF (Optical)
IrDA	1
Others	8 Front button (Menu, Home, Volume, Signal, Curtain, Annotation, Touch lock, Power)
General	
Power Supply	100–240 VAC, 50/60 Hz
Power Consumption	65-inch: 120 W (Typical); 75-inch: 150 W (Typical); 86-inch: 200 W (Typical)
Product Dimensions	65-inch: 1485.2x91x924.5mm (58.47"x3.58"x36.40") 75-inch: 1707.5x91x1050mm (67.22"x3.58"x41.34") 86-inch: 1953.2x91x1187.4mm (76.90"x3.58"x46.75")
Packaging Dimensions	65-inch: 1580x200x1030mm (62.20"x7.87"x40.55") 75-inch: 1800x200x1165mm (70.87"x7.87"x45.87") 86-inch: 2049x200x1310mm (80.67"x7.87"x51.57")
Operating Temperature	0 °C to +40 °C
Storage Temperature	-10 °C to +50 °C
Operating Humidity	10%–90%
Storage Humidity	10%–90%
Product Material	Metal casing
Glass	Anti-dazzle tempered glass with a hardness of 7 on the Mohs scale
Operating System of External Module	Windows 7/8/10; Android
Net Weight	65-inch: 42 kg 75-inch: 56 kg 86-inch: 72 kg
Installation	Wall mount; floor-standing

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Package 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
Compliance	FCC ROHS REACH WEEE ERP CE CB Energy Star

Installation

