

Ultra Series

INTERACTIVE FLAT PANEL

Advance Collaboration to a New Level

Discover Hikvision's new-generation interactive flat panel displays. With stunning ultra-4K resolution, precise on-screen writing, and intuitive built-in whiteboard software, our products offer versatility and functionality tailored to your needs. Seamless transition between tasks, smart meeting features, and free projection will boost your productivity and elevate your experience.



HIGHLIGHT

Upgraded hardware with superb performance

- Android 13 (Update to Android 14)
- 8G RAM + 128G ROM
- Rich interfaces: HDMI, VGA, DP and Type-C

Outstanding display with leading technologies

- 4K resolution
- Anti-glare glass
- Optical anti-blue light (TUV-certified)

Intelligent whiteboard for creative sharing

- Smooth writing (50 touch points), intelligent recognition, and simultaneous multi-user input
- Extensive document compatibility with files (PowerPoint/Word/Excel/PDF), images, and videos
- Easily saving meeting outcomes through code scanning

New OS & UI 3.0 to enhance experience

- Customizable, easy-to-use bottom menu bar
- Multi-window mode for seamless multi-tasking
- Stylish 4K@60Hz user interface

Free projection to unleash limitless possibilities

- Free projection via NFC, software, Wi-Fi, and dongle
- Simultaneous multi-terminal projection
- Maximized efficiency and seamless synergy with BYOM

Smart meeting to boost communication

- Auto framing to include all participants
- Speaker tracking to focus on the main speaker
- Acoustic baffle to filter out noise
- Built-in 48MP camera, 8-microphone array, 2*20W+25W loudspeakers to deliver state-of-art audio and visuals

DS-NLT86RB/CN

Display		
Screen	Size	86 inch
Backlight	Pixel	DLED
Pitch	Resolution	0.1645(H) ×0.4935(V) mm
Br ig htness	Color	3840 ×2160 @60 Hz
Depth		400 cd/m² (Typ.)
Display Color		10 bit
Response	Time	1.07G
Panel	Type	5ms
Contrast	Ratio	VA
Color	Gamut	5000:1 (Static); 30,000:1 (Dynamic)
Refresh Rate		72% NTSC (CIE1931) (Typ.)
Viewing Angle		60 Hz
Aspect Ratio		178°(H)/178°(V)
Surface Hardness		16:09
		9H
Surface Glass		Anti-Glare Glass
Surface Haze		25%Haze
Glass Bonding Method		Zero Lamination
Display Area		1895.04mmx1065.95mm
Working Duration		7 ×16H
Transmittance		88% ±3
Lifespan		50,000 hours

Interface	
Video & Audio Input	HDMI In (HDMI 2.0)×3, VGA In x 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 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
Data Transmission Inter fa ce	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)

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

Touch	
Type	Infrared Touch Screen
Touch Point	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 13.0 (Update to Android 14)
M emory	8 GB
Built-in Storage	128 GB
Pr oc essor	Quad-core Cortex-A76 ×4 (2.4GHz)and quad-core Cortex-A55 ×4(1.8GHz)
GPU	Mali-G610 MC4
HDCP Version	2.3

Power	
Power Supply Standby	100 to 240 VAC, 50/60 Hz
Consumption Average	≤ 0.5 W < 205W
Consumption	

General	
VESA	800 mm ×400 mm(4 ×M8-25 mm)
Product dimensions	1960.5 mm ×1158.2 mm ×82.5mm
Accessory	Wall mount bracket, hook, user manual, touch writing pen, packing list, 3M touch USB cable, 3.5M HDMI cable (2.0), 1.5m power cable (European standard), Bluetooth remote control.
Package Dimensions (W ×H ×D)	2197 mm ×284 mm ×1376mm
Net Weight	64.13 kg
Gross Weight	81.6 kg

Working Environment	
Working Temperature	0 °C to 40 °C (32 °F to 104°F)
Working Humidity	10%~90% RH