



MiBoard IFP86 V14.E1

MiBoard IFP 86 is an interactive touch screen, which uses infrared technology. It replaces projector and traditional interactive whiteboard. It creates smooth and natural writing experience. Our MiBoard IFP integrates with Transcreen, which can cast mobile phones, Ipads, tablets and laptops wirelessly to MiBoard IFP.



Standard Package



Interactive whiteboard



Wall Hanger



Controller



Passive Pen



Power cable



HDMI Cable



Touch Cable

Optional Accessories



Movable Stand



OPS



Pointer



PTZ Camera



wireless speakerphone

Specification		
Item	Description	IFP86
Panel	Diagonal Size	86"
	Backlight Type	D-LED
	Aspect Ratio	16:09
	Resolution	3840*2160
	Brightness(typ)/(min)	480
	Display Size(mm)	1,892*1,064
	Contrast Ratio (typ)/(min)	5000:1
	Response Time(typ)/(min)	5ms
	Depth of Color	10 bit
	Viewing Angle	178°
	Life time	≥100,000 hours
Touch	Touch Technology	High-precision Infrared Technology
	Glass	4mm Anti-glare toughened glass
	Touch Points	40 Points(50 Points Optional)
	Touch Accuracy	≤1mm
	Response time	<8ms
Android	CPU	Quad core ARM Cortex-A73*4
	GPU	G52
	RAM	8GB
	eMMC	128 GB
	CPU Clock speed	1.4GHz
	LAN	Wired LAN: RJ45 IN 100M
	Version	Android 14.0
	Kernel	5.15
	Wi-Fi	Wi-Fi 6 2.4G+5G+Bluetooth5.2
	Chipset	MT9679
Video Input	HDMI	480P/1080P/4K@60Hz
		CEC, ARC(HDMI 1)
		HDMI Version 1.4/2.0/2.1
		HDMI Version 1.4/2.2/2.3
	DP	480P/1080P/4K@60Hz
	VGA	480P/1080P
Audio Input	Analog Mic in	Input Level 0.2~2.0VRMS
	VGA Audio in	With VGA changle

Power	Power Supply	110-240V 50/60 Hz
	Power Consumption	≤330W
Ports	Back Side Ports	TF CARD*1, USB 3.0 Type-C*1, USB 2.0 Type-A*1, USB 3.0 Type-A*1, USB 2.0 Type-B (for Android)*1, HDMI IN*2, DP*1, VGA In*1, VGA Audio In*1, RS232*1, LINE Out*1, COAX*1, MIC IN*1, LAN OUT/ LAN IN*2
	Front Ports	HDMI IN*1, USB 3.0 Type-B*1, USB 3.0 Type-A*3, USB 3.0 Type-C*1
Size	Panel Size(mm)	1951*89*1169.5
	Package Size(mm)	2092*215*1319
Weight	Net Weight(KG)	66
	Gross Weight(KG)	83
Speaker	Audio Out Power 20W*2 8Ω	
Camera (Optional)	48 Megapixels AI face&voice tracking camera	
Microphone (Optional)	8 Built-in High Reception Microphone	
PIR(Optional)	Within a range of 120 degrees, if there is someone within 3 meters, the system will automatically wake up. If there is no one within 1 minute, the system will automatically turn off the screen.	
Pen Lift Sensing (Optional)	When the users pick up the pen from the pen holder, it will enter into whiteboard mode or notation mode	
Physical Shortcut Buttons (Optional)	Touch Lock, Setting, Home, Screen Record, Eye Care, Volume Up, Volume Down	
Environment	Working Temperature - 0℃~40℃, Operational humidity≤80% RH, Storage temperature:-10℃~60℃, Altitude Below 5000 meters.	
Accessories	Remote Control*1, Power Cord*1(3m), HDMI cable(2m), Touch Cable*1 (2m), Passive pen*1, Wall mount*1	
Physical Shortcut Buttons (Optional)	Touch Lock, Setting, Home, Screen Record, Eye Care, Volume Up, Volume Down	
Warranty	3 years return workshop	
Special Features	Built with Google Play, Enable Annotation in all Channels, Screenshot, Gesture Eraser, Smart Writing, Dual Pens with two colors writing, Video conference support H323/H265.	
Components	Power Cable, HDMI Cable , Touch Cable, Controller, Wall Hanger, Passive Pen.	
OPS(Optional)	i5/i7, 6-13th Gen, RAM 8-32GB, SSD 256GB-1TB, Windows 11 Genius Version, Wi-Fi 6 , Bluetooth 5.1/5.2 , LAN 1000MB	
Optional Components	Movable Stand, Wireless speakerphone, Pen with two tips, OPS , Pointer, Microphone, PTZ Camera, Speaker.	