

HATEK

High-end Infrared Intelligent Blackboard

HT86E-B



1. Features

- Zero bonding technology, low parallax writing, wider viewing angle
- 4mm anti-glare tempered glass
- Support light sensor to adjust the brightness, display more eye protection
- Equipped with 4K Ultra HD display, supporting full-channel 4K UI screen record, Feel the charm of details , Fine and clear handwriting, no jaggedness
- 2-way front USB with 6 button
- Supports Wireless Screen Mirroring
- Support two pens writing simultaneously with two-color display, multi-person collaboration is easie
- HDMI/VGA/RS232 channel & network signal input intelligent wake-up under standby mode
- Support one network, Android and OPS are gigabit network
- Support network sharing
- High-order welcome application, rich live interactive experience, very interesting
- New hover ball mode, quick customization features at your fingertip
- Eye protection, lock screen, touch lock and other widgets
- Support for multi-user functionality

Parameters

Display	Size	86"	
	Response time	6 ms	
	Visual ratio	16:9	
	Max visual area	1895.04 (H) x 1065.96(V)mm	
	Resolution	3840(H)×2160(V)	
	Pixel Pitch	0.4935 (W) x 0.4935(H)	
	Frequency	60Hz	
	Display colors	1.07B (10bit)	
	Color gamut NTSC(Typ)	72%	
	Contrast ratio(Typ)	1100:1,1200:1,4000:1,5000:1(typ.)	
	Viewing angle	178°(H/V)	
	Back light source	DLED	
	Brightness(Typ)	450cd/m2	
	Thời gian sử dụng	≥50000 h	
Speaker	Speaker	Soundtrack	2.0
		Power	2×16W
Camera	Pixel	13MP	
	Quantity	1	
	Location	Front up	
	Field of view	118°	
Microphone	Pickup distance	0~8m	
	Quantity	8	
	Pickup angle	0°~180°	
	Function	Support echo cancellation, background noise suppression, gain compensation	
Touch & Write	Identification principle	Infrared recognition	
	Support system	Windows10/Windows8/Windows7/Windows XP/Android/Linux/Mac OS X/Chrome	
	Touch points	20 point touch	
	Minimum identifier	2mm	
	Input method	Fingers, passive infrared pen	
	Response time	≤ 6ms	
	Touch accuracy	±1mm	
	Writing height	≤3mm	
Writing display	Single stylus pen with two color		
System	Chipset	GK6760V100	
	System version	Android 12.0	
	Main frequency	1.2GHz	
	CPU	Octa- Core A55	
	GPU	Quad-core MaliG52	

	RAM	4GB (Option 8GB)	
	ROM	32GB (Option 128GB)	
	OSD	Chinese Simplified, Chinese Traditional, English, Spanish, Korean, Japanese, Russian, Vietnamese, French, German, Italian, Dutch, Arabic, Indonesian, Kazakh, Polish, Portuguese, Thai, Ukrainian, total 19 kind languages	
Bluetooth	Bluetooth	Version	5.0
		Working frequency	2.4GHz
		Working distance	0~10m
Wireless	Wi-Fi	Version	802.11ac/b/g/n/a
		Working frequency	2.4GHz/5GHz
		Working distance	0~10m
Front interface	USB 2.0	2	
	Push button/ light sensor/ remote	1(Switch/Home/Screen Down/Screen recording/Touch lock/Settings)	
Onboard interface	TF Card	1	
	USB 3.0	1	
	USB 2.0	1	
	TOUCH	1	
	HDMI IN	2	
	VGA	1	
	AUDIO IN	1	
	RS232	1	
	RJ45 IN (1000Mbps)	1	
	EARPHONE	1	
	COAX	1	
Power parameters	Voltage	Rated 100-240V~,Max 90-264V~50/60Hz	
	Max power	480W	
	Standby power consumption	≤0.5W	
Size & Weight	Bare dimension	1976.25*1164.66*83.07mm (not include the board)	
		4200*1164.66*100.45mm (include the board)	
	Packing dimension	2120*220*1325mm	
	Wall mount screw specifications	M8×60mm Expansion screw	
	Net weight	Screen: 64KG/Blackboard: 18.1KG	
	Gross weight	Screen: 79.5KG/Blackboard: 25.1KG	
Accessories	Power cord	×1	
	Stylus pen	×1	
	Wall hanging	×1	
	Quick guide to use	×1	
Environmental factors	Working temperature	0°C~40°C	

	Working humidity	10%~90%RH
	Storage temperature	-20°C~60°C
	Storage humidity	10%~90%RH
	Working elevation	<5000m
Optional module	OPS module dimension	120*180*30mm (European standard)

