

HiBoard-IT86S2-C

New Generation Interactive Display—Technology Edition



Product Overview

HiBoard-IT86S2-C is the new generation of interactive display. It adopts new generation of infrared touch technology, 86-inch 4K LED backlit display with 40-point touch, anti-glare tempered glass with surface hardness up to 7 on Mohs scale, and direct-lit design. With the integration of 48MP camera, 8-array microphone, speaker and touch display, HiBoard-IT86S2-C provides functions such as writing on whiteboard, scanning the QR code for meeting minutes, wireless projection, and 4K UHD display etc. With multiple product functions, HiBoard-IT86S2-C provides real and smooth collaborative experience.

Technical Specification

Display

Dimensions	86-inch
Display scale	16:09
Backlight type	DLED
Resolution	3840 (H) × 2160 (V)
Brightness	350cd/m ² (typ.)
Viewing angle	178° horizontally and 178° vertically
Contrast Ratio	5000:1(typ.)
Response Time	8.5ms
Color Gamut	72%
Display Colors	1.07B(8bit+FRC)

Touch

Materials	Anti-glare tempered glass with surface hardness up to 7 on Mohs scale
Touch technology	IR
Touch point (MAX)	40
Writing tool	Finger + smart pencil
Response time	≤5ms
Theory Clicks	Unlimited
Touch accuracy	±1mm
Windows 10/8/7,Android	Multiple Touch
System Support	Windows 10/8/7/XP, Android/Linux/Mac OS/Chrome

Camera

Pixel	48MP
HFOV	101°
Auto Framing	Support
Voice Tracking	Support
Resolution	3840*2160(30fps),1920*1080(30fps),1280*720(30fps)

Array Mic

Array Quantity	8-mic
Sound Pick-up Distance	Up to 8m
Sound pick-up Angle	180° forward
AEC	Support
AGC	Support
Speech Enhancement	Support

Speaker

Speaker	10W*2+15W
---------	-----------

Storage

RAM	8GB DDR
ROM	128GB

OS

Android Version	Android 11
-----------------	------------

GPU/CPU

GPU	Mali G52 MP8
CPU Core	Quad core A73+Quad core A53

Meeting

Conference Media Protocol	Main Stream: H.323, SIP standard protocol; Sub-stream H.239, BFCP
Video Protocol	Support H.263, H.263+, H.264, H.264 BP, H.265 video Codec protocols
Audio Protocol	support AAC-LD, G.711A, G.711U, G.722, G.722.1C, G.729A, OPUS, G.719, G.728 audio codec protocols

Input/Output Port (PC module not included)

HDMI IN	×3
HDMI OUT	×1
Type-C IN	×1
USB 2.0	×1
USB 3.0	×4
RJ45 IN	×1
RJ45 OUT	×1
AUDIO IN	×1
AUDIO OUT	×1
SPDIF	×1
RS232 IN	×1
TOUCH 2.0	×2
TF Card	×1

Wireless network MODULE

Operating Frequency	2.4GHz/5GHz
WI-FI Standard	802.11a/b/g/n/ac/ax
Operating Distance	0-10m
Bluetooth version	5.2
BT Operating Frequency	2.4GHz

Electrical

Power Requirements	AC 100 V ~ 240 V, 50/60 Hz 4.0A
Power Consumption Without OPS	450W
Standby Condition	≤0.5W

Environmental Parameters

Operating Temperature	0°C-40°C
Working Humidity	10%~90%RH
Storage Temperature	-20°C-60°C
Working Humidity	10%~90%RH
Working Height	Below 5000 meters

Structure

Product Size(W x D x H)	1957mm x86mm x1169mm
Package Size(W x D x H)	2110mm x225mm x1291mm
Net Weight	68.60KG
Gross Weight	85.10KG
VESA	4-M8 Screw Hole 800mmx400mm

