PLANAR

Planar iHub SERIES
All-in-One LED Touch Collaboration Displays

Planar® iHub Series Huddle Board interactive LED displays are large format, 16:9, and delivers a crisp visual performance, touch screens with embedded tools tailored to in-room and remote unified communication. The huddle boards enable one-stop collaboration, ideal for conference rooms, study group spaces and design centers or the executive home office.
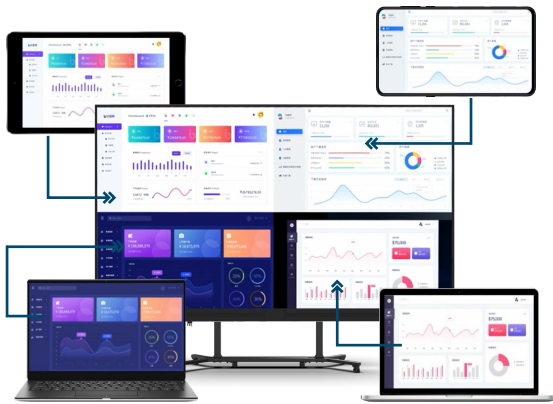

KEY FEATURES

- Embedded digital whiteboard app
- Built-in Theme Template
- Designed for 24x7 reliability
- Front installation & serviceability
- Built-in Android system
- Screen Mirroring
- Split Screen Display
- Smooth Playback
- Available in 110", 136", 165", & 220"

Product advantage

SCREEN MIRRORING, SPLIT SCREEN DISPLAY

Connect from Anywhere

Compatible with unified communication platforms, Planar iHub Series is a perfect option for meetings that require remote collaboration. Our Huddle Board supports screen projection on computers, mobile phones, tablets, and many more. Planar iHub Series supports 4-split screen simultaneously sharing. Maximize each application's features right from the touch screen. Simply add the webcam, audio system, and microphone of your choice, and sync with colleagues across the globe like they're right in the room.

Convenient Operation and Perfect Experience

The Planar iHub136, Ultra HD resolution, and 500nits brightness guarantee everyone in the room will be able to see even the most detailed on-screen content. Extremely fast and responsive touch delivers effective interactive experiences. Our product has rich interfaces and can play USB playback.

POWER
USB

RS232 LAN IN   EAR   DP1.2   HDMI2.0*2   SPDIF USB3.0 TOUCH USB2.0   USB-B (Control)
(Control)   PHONE   OUT

Product Interface diagram

Teamwork Tools

Planar iHub Series Huddle Board displays feature a built-in Android® module complete with a preloaded popular digital whiteboard. The digital whiteboard enables image importing for easy annotation over maps, web pages screenshots, reports, and more. For user flexibility, the system generates a QR code with a scan which can take annotations or meeting content away.

Multi writing, remote collaboration

PLANAR iHub SERIES SPECIFICATIONS

Planar Model	iHub110	iHub110T	iHub136	iHub136T	iHub165-4K	iHub165-FHD	ihub220-4K	ihub220-FHD
Panel Model	ATH012	ATH012	ATH015	ATH015	ATH009	ATH018	ATH012	ATH025
Pixel Pitch	1.26mm	1.26mm	1.575mm	1.575mm	0.945mm	1.89mm	1.26mm	2.52mm
Cabinet Resolution	1920 (H) × 1080 (V)	1920 (H) × 1080 (V)	1920 (H) × 1080 (V)	1920 (H) × 1080 (V)	3840 (H) × 2160 (V)	1920 (H) × 1080 (V)	3840 (H) × 2160 (V)	1920 (H) × 1080 (V)
Display Size	110 inches (16:9)	110 inches (16:9)	136 inches (16:9)	136 inches (16:9)	165 inches (16:9)	165 inches (16:9)	220 inches (16:9)	220 inches (16:9)
Display Active Area	2420 x 1361mm	2420 x 1361mm	3024 × 1701mm	3024 × 1701mm	3629 x 2042mm	3629 x 2042mm	4839 x 2722mm	4839 x 2722mm
Overall Dimensions including wall mount (W x H x D)	2430.2*1481*61mm	2463.2*1497.8*70.3mm	3035mm*1821.5mm*61mm	3068mm*1838mm*70.3mm	3639.8*2161.7*61mm	3639.8*2161.7*61mm	4849.4*2842.1*61mm	4849.4*2842.1*61mm
Wall Mount Depth	61mm	70.3mm	61mm	70.3mm	61mm	61mm	61mm	61mm
Display Weight (Exluding wall mount)	≤104kg	≤105.5kg	≤154kg	≤156kg	≤218kg	≤218kg	≤342kg	≤342kg
Ave.Power Consumption	0.85KW	0.85KW	1.05KW	1.05KW	1.25KW	1.25KW	1.9KW	1.9KW
Max.Power Consumption	1.5KW	1.5KW	2KW	2KW	2.4KW	2.4KW	4.3KW	4.3KW
Installation Mode	Wall mounting / Free-standing	Wall mounting / Free-standing	Wall mounting / Free-standing	Wall mounting / Free-standing	Wall mounting	Wall mounting	Wall mounting	Wall mounting
Viewing Distance	≥2m	≥2m	≥3m	≥3m	≥1.5m	≥3.8m	≥2m	≥5m
Used Space	20m² — 40m²	20m² — 40m²	40m² — 60m²	40m² — 60m²	60m²--90m²	60m² — 90m²	90m² — 120m²	90m² — 120m²
CPU	Cortex-A73x2+Cortex-A53x2							
GPU	ARM Mali-G51							
System	Android 8.0							
RAM	4G							
ROM	32G							
Display Color	10bit, 1.07Billion							
Refresh Rate	3840Hz							
Contrast Ratio (typ)	8000:1							
Brightness (adjustable)	100~500 nits							
Horizontal View Angle	160°							
Vertical Viewing Angle	140°							
Frame Rate	50&60Hz							
Operation Temperature	-20℃ — 40℃							
Operating humidity	10% — 80% RH (non-condensing)							
Touch Interface	USB-B x 1 (touch optional)							
Touch Technology	Infrared (touch optional)							
Video Input	HDMI2.0 × 2, DP1.2 x 1							
AUDIO OUT	Earphone × 1, SPDIF OUT × 1							
Display Control	LAN (RJ45) x 1 IN, RS232 x 1, USB-B × 1(Sending card Control)							
External Data Connections	USB2.0 × 2 (bottom × 1, front × 1) USB3.0 × 2 (bottom × 1, front × 1)							
In the box	Remote control, Power cord, Project USB flash drive (Screen Configuration program & Installation Guide), Wireless keyboard & Mouse set, HDMI signal cable, USB A to B cable							
Optional accessories	Webcam Eagle eye, Sound pick-up Trio8800, RedMi Sound bar, Moveable Floor-stand							