

MAXHUB Smart Blackboard

Model: B8610

Witness the marriage of aesthetics and function with the B8610 Smart Blackboard, the ultimate design masterpiece for an optimal educational experience. Combining unparalleled visual appeal with integrated writing capabilities and next-generation eye-care technology, this classroom innovation redefines modern teaching and learning. Equipped with a built-in camera, microphone, and all-in-one functionality, the B8610 Smart Blackboard takes learning to new heights while being easy on the eyes. Perfect for multimedia presentations, interactive lesson plans, or collaborative learning activities, the B8610 Smart Blackboard is the all-in-one solution that raises the bar in every aspect.



Prominent Display

High Color Accuracy, $\Delta E \leq 1.5$
Zero Bonding Technology



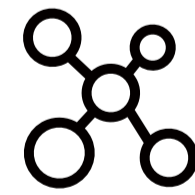
Professional security protection

Design with no sharp edges
minimizes unintentional bumping



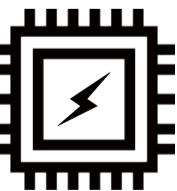
Eyes Care Technology

TÜV Eye Comfort, TÜV Low
Blue light, TÜV Flicker-free



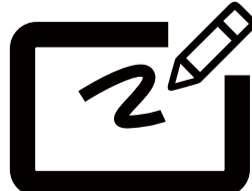
All-in-One Capability

16M Wide-angle Camera
4-Array Microphone



Powerful Configuration

Powerful 2.0GHz Quad-core
CPU, 8GB RAM, 64GB ROM



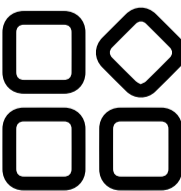
Natural Writing Experience

Seamless integrated design, supports
writing with ordinary chalk, dustless
chalk and liquid pens



Convenient Connectivity

All-in-one Type-C interface, integrate
65W power charge, video, audio,
touch and internet access features



Comprehensive Software Suit

MAXHUB EDU OS V3.0 based
on Android 11, including extensive
self-developed applications.

Display		
Model	B8610	
Diagonal Size (inch)	86	
Display Area	1895.04(H) x 1065.96(V)mm	
Aspect Ratio	16:9	
Resolution	3840 x 2160	
Viewing Angle	178° (H/V)	
Brightness (typ.)	400cd/m²	
Contrast Ratio	4000:1 (Typ.)	
	8000:1 (Dynamic.)	
Color Depth	1.07B (10bit)	
Color Gamut (typ.)	72% NTSC	
Color Accuracy	Delta E ≤ 1.5	
Glass	Zero parallax, 3.2mm thickness, 9H Tempered	
Surface Technology	Anti-glare, Etched AG Technology	
	Support writing with ordinary chalk, dustless chalk and liquid pens	
Eyes Care	TÜV Eye Comfort	
	TÜV Flicker Free	
	TÜV Low Blue Light	
Refresh Rate	60Hz	
Response Time	8ms	
Backlight Unit	DLED	
Backlight Life (typ.)	≥ 50,000 Hours	

Touch System		
Touch Technology	Infrared recognition	
Touch Point	20 Points touch	
Object Recognition Range	3mm	
Accuracy	± 2mm	
Response Time	≤ 9ms	
Supported Operating System (Touch Return)	Windows 10 / Windows 8 / Windows 7 / Windows XP / Android / Linux / Mac OS X / Chrome	

Built-in System		
Operating System	Android 11.0	
RAM	8GB	
ROM	64GB	
CPU	2.0GHz quad core ARM A55	
GPU	Mali-G52 MP2	

Connectivity	
Input	HDMI IN x 3
	USB 2.0 x 1
	USB 3.0 x 4
	USB Type-C x 1
	VGA IN x 1
	AUDIO IN x 1
	RS232 x 1
	RJ45 IN x 1
Output	HDMI OUT x 1
	TOUCH OUT x 2
	AUDIO OUT x 1
	SPDIF x 1
	RJ45 OUT x 1
OPS Slot	Module Slot x 1
Wifi Slot	Module Slot x 1

Camera/Audio/Microphone	
Built-in Camera	16M 135°FOV
Video Recording	4K, 1080P, 720P
Built-in Microphone	4-Array Microphone
Microphone Pick Up Range	0-8m
Speaker Output Power	2 x 25W (Max.)
	Upper front speaker

Power	
Power Supply	AC 100~240V 50/60Hz
Power Consumption (standby)	≤ 0.5W
Power Consumption (maximum)	440W

Environment	
Operating Temperature	0°C~40°C
Storage Temperature	-20°C~60°C
Operating Humidity	10%~90%RH
Storage Humidity	10%~90%RH
Altitude	Below 5000 meters
Software	
System OS	MAXHUB EDU OS V3.0
Account Management	MAXHUB Account
Whiteboard Tool	MAXHUB Class
Screen Sharing	MAXHUB Connect
Device Management	MAXHUB Pivot
Other Apps	Browser, Cloud Drive, Note, Palette, WPS Office, etc.
Physical Specification	
Dimension (W x H x D)	Main screen: 1994 x 1200 x 109mm
	Blackboard: 1114 x 1200 x 112mm
	After assembling: 4200 x 1219 x 98mm
Shipping Dimension (W x H x D)	Main screen: 2156 x 255 x 1335mm
	Blackboard: 1240 x 280 x 1257mm
Thickness of machine and wall mount	98mm
Net Weight	Main screen: 61.45kg
	Total Blackboard: 18.10kg
Gross Weight	Main screen: 80.20kg
	Total Blackboard: 25.12kg
Accessories	
Power Cord	3m x 1
Remote Control	x 1
Stylus	x 2
HDMI Cable	3m x 1
USB Type-C Cable	1.8m x 1
USB Touch Cable (Type A-B)	5m x 1
Wall Mount	x 1
Wireless Adapter	x 1
Optional Module	
OPS	OPS62A
Mobile Stand	ST31
Borad	Blackboard & Whiteboard