MAXHUB Smart Blackboard B8610

A Smart Blackboard with Interactive Capabilities to
Modernize the Learning and Teaching Environment

MAXHUB

Explore innovative participation   An intuitive way to teach   Designed for classroom efficiency

Explore Innovative Participation

Diverse Writing Options

A seamless writing experience is offered across the entire screen, thanks
to the screen's etched AG glass technology that supports smooth writing
with various writing tools. These include original chalk, dustless chalk and
liquid pens.

Experience Engaging Images

Experience clear images and
presentations with our high-
color gamut and ultra-HD 4K
display, capable of displaying
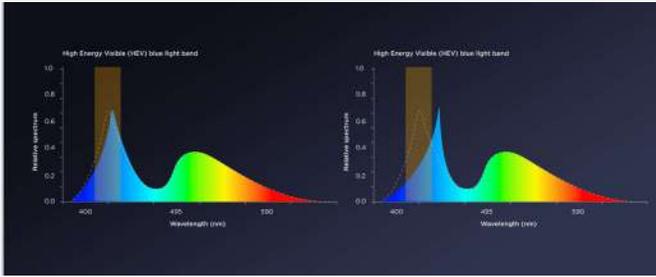1.07 billion colors in accurate
detail.

Conventional   Dynamic Crystal Color

Eye Care Technology for Increased Productivity

Eye Comfort · Low Blue Light · Flicker-Free

Our Smart Blackboard incorporates TÜV eye comfort, Low Blue Light and Flicker-Free certifications, offering a solution to reduce eye fatigue and visual discomfort.

These essential certifications and features are particularly beneficial for teachers and students who spend extensive hours in front of the screen, ensuring a comfortable and productive learning environment.

Immersive Audiovisual Capabilities

This all-in-one Smart Blackboard is equipped with a powerful camera, microphone and speaker, which facilitates more interactive learning experiences, including hybrid classes.

Immersive sound
An immersive sound experience to every corner of the classroom

Full-room voice pickup
Ensuring the teacher's voice is heard clearly

Capture a wider field of view
Allowing students to see more of the classroom and reducing the need for panning and zooming

Upper front speaker
2 x 25W output power

4-array microphone
8m voice pickup

Ultra-wide-angle camera
16M Wide-angle Camera

Specification

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

Camera/Audio/Microphone

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