


# MAXHUB Smart Blackboard B8610

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



 Explore innovative participation

 An intuitive way to teach

 Designed for classroom efficiency

## Explore Innovative Participation

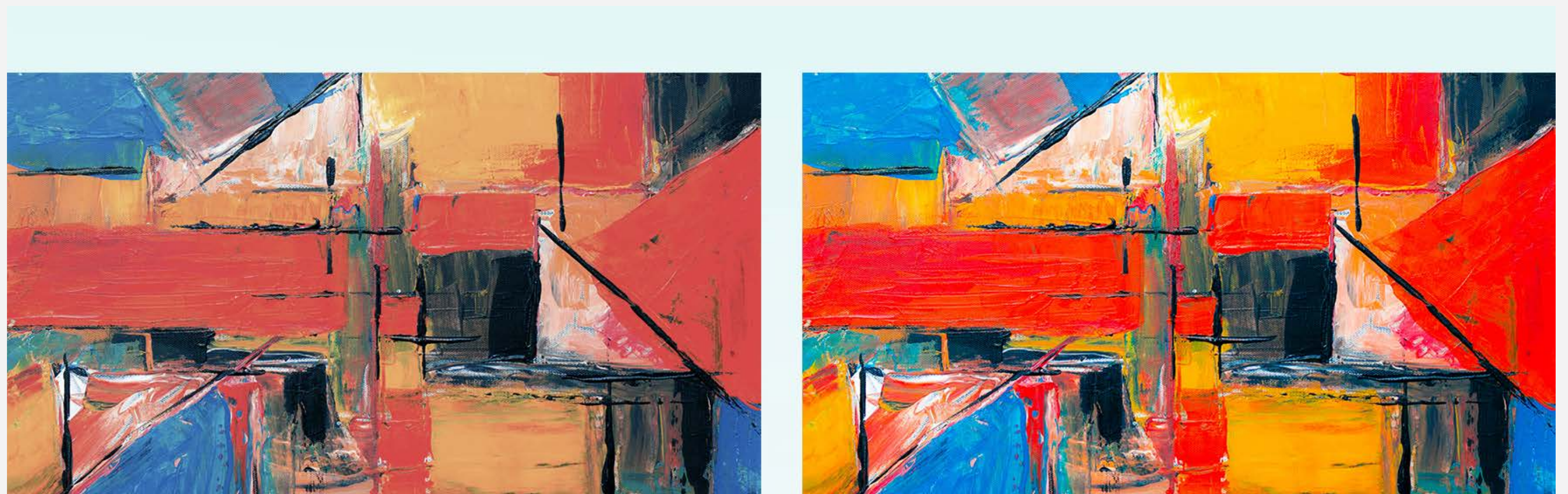


### Diverse Writing Options

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

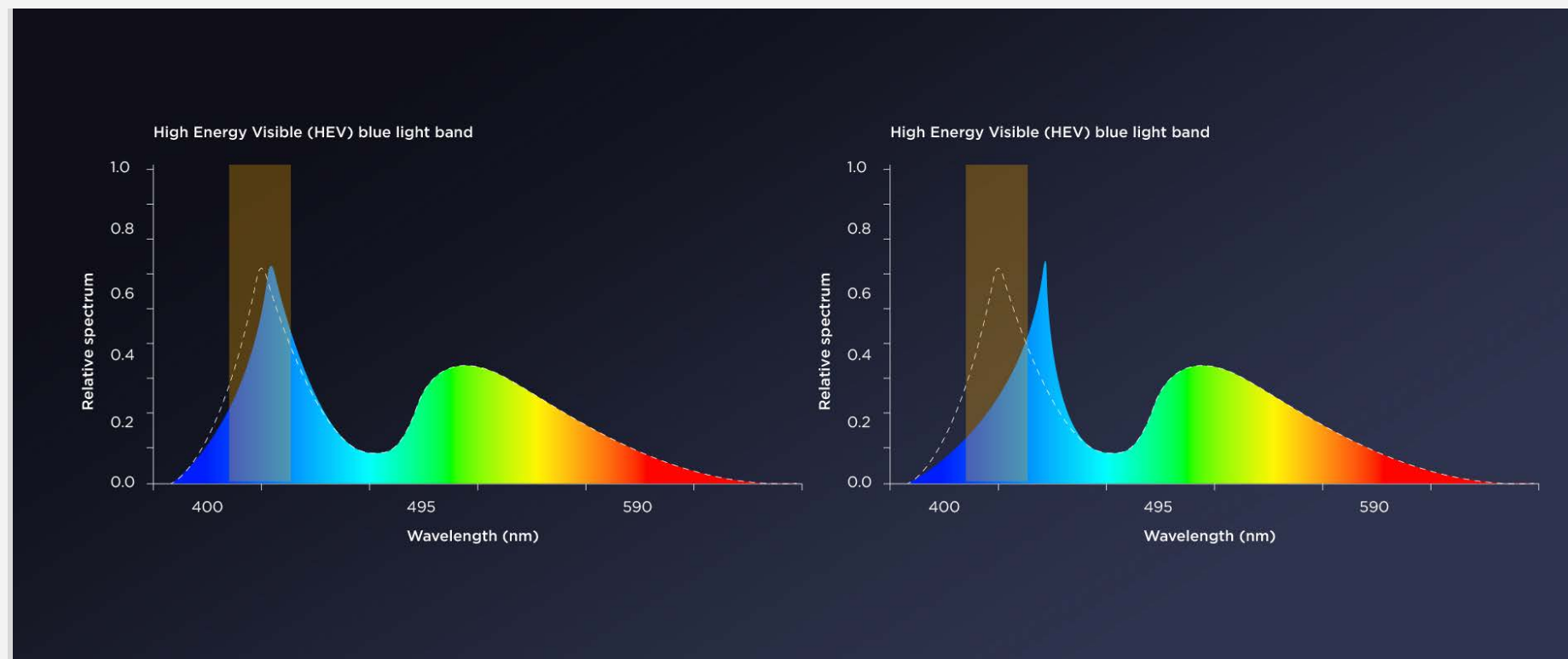
Experience clear images and presentations with our high-color gamut and ultra-HD 4K display, capable of displaying 1.07 billion colors in accurate detail.



  
Conventional

  
Dynamic Crystal Color

## Eye Care Technology for Increased Productivity



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



Eye Comfort



Low Blue Light



Flicker-Free

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



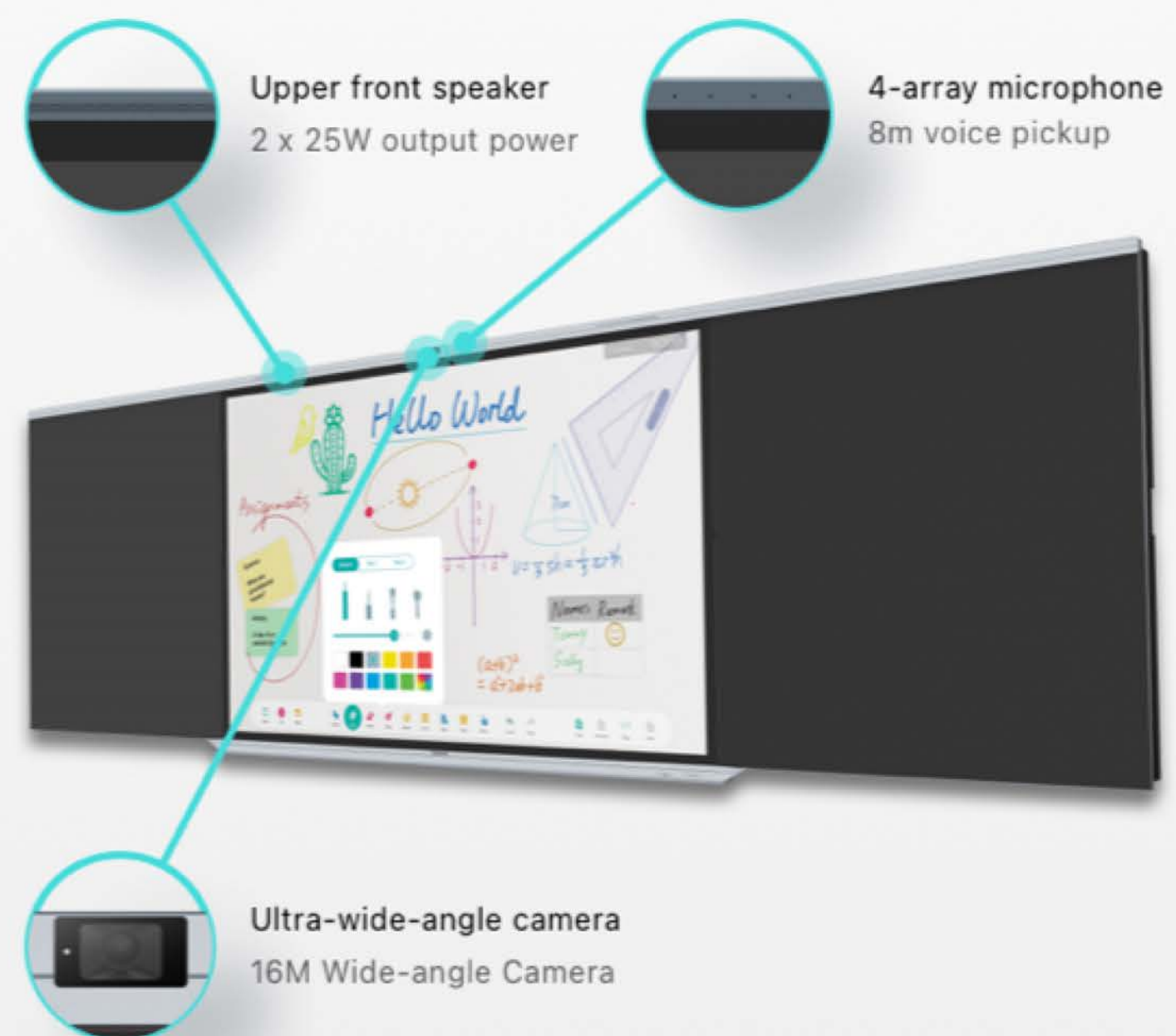
### Full-room voice pickup

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



## 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/m <sup>2</sup>
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