



# MAXHUB Smart Blackboard B8620

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

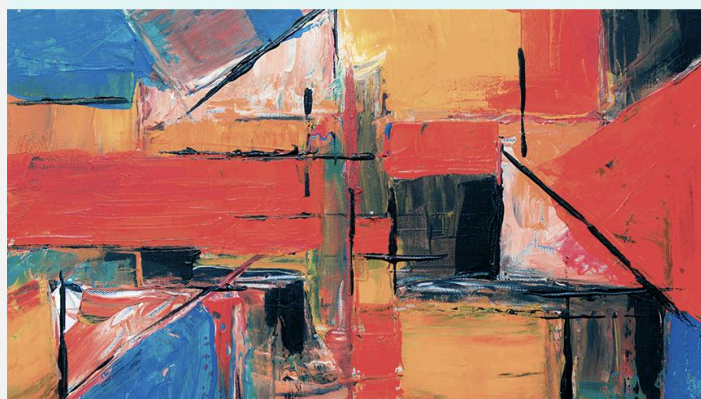


### DIVERSE WRITING OPTIONS

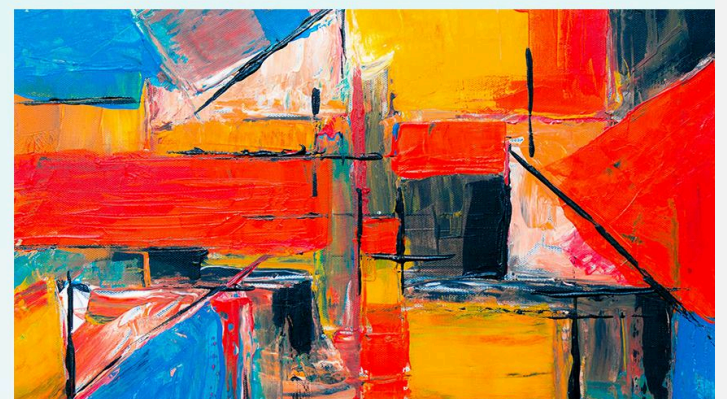
A seamless writing experience is offered across the entire screen, thanks to the screen's etched AG glass technology that supports smooth writing with various writing tools. These include original chalk, dustless chalk and liquid pens.

### 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.

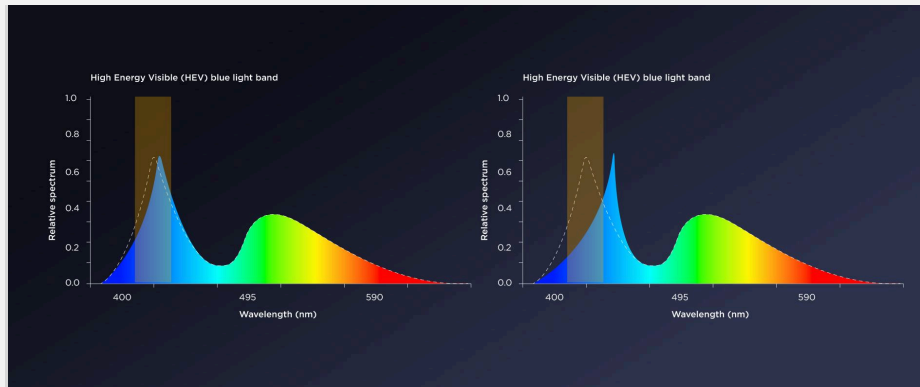


Conventional



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.

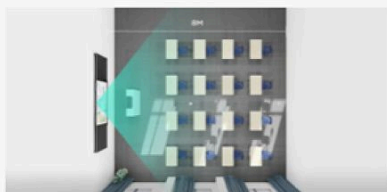
## IMMERSIVE AUDIOVISUAL CAPABILITIES

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



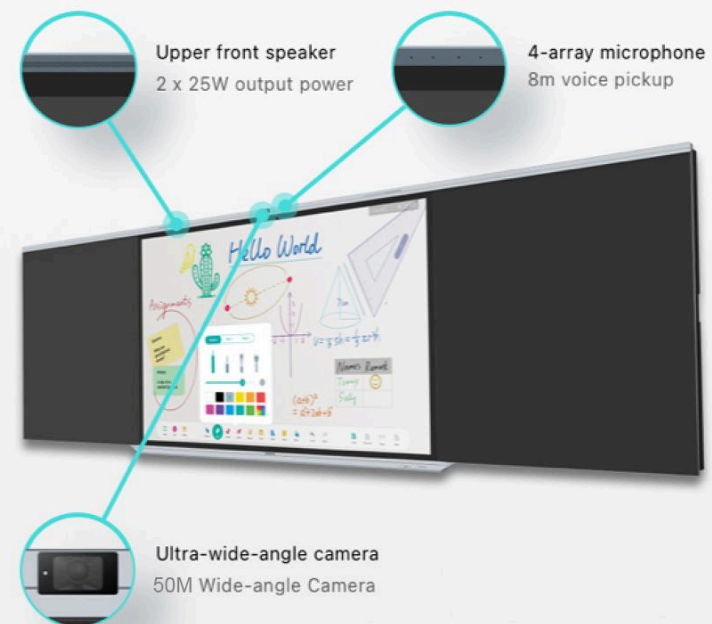
### Full-room voice pickup

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



Upper front speaker  
2 x 25W output power

4-array microphone  
8m voice pickup

Ultra-wide-angle camera  
50M Wide-angle Camera

## Specification

|                       |  |   |   |
|-----------------------|--|---|---|
| <b>Display</b>        |  | <b>Touch System</b>                       |   |
| Model                 | B8620  | Touch Technology                          | Infrared recognition  |
| Diagonal Size (inch)  | 86   | Touch Point                               | 20 Points touch   |
| Display Area          | 1895.04(H) x 1065.96(V)mm  | Object Recognition Range                  | 3mm   |
| Aspect Ratio          | 16:9   | Accuracy                                  | ± 2mm   |
| Resolution            | 3840 x 2160  | Response Time                             | ≤ 9ms   |
| Viewing Angle         | 178° (H/V)   | Supported Operating System (Touch Return) | Windows 10 / Windows 8 / Windows 7 / Windows XP / Android / Linux / Mac OS X / Chrome |
| Brightness (Typ.)     | 400cd/m2   |   |   |
| Contrast Ratio        | 1200:1 (Typ.)  |   |   |
|                       | 50,000:1 (Dynamic)   | <b>Built-in System</b>                    |   |
| Color Depth           | 1.07B (10bit)  | Operating System                          | Android 13.0  |
| Color Gamut (Typ.)    | 72% NTSC   | RAM                                       | 8GB   |
| Color Accuracy        | Delta E≤1  | ROM                                       | 128GB   |
| Glass                 | Zero parallax, 3.2mm thickness, 9H Tempered  | CPU                                       | 2.0GHz quad core ARM A55  |
| Surface Technology    | Anti-glare, Etched AG Technology<br>Support writing with ordinary chalk,<br>dustless chalk and liquid pens | GPU                                       | Mali-G52 MP2  |
|                       |  | <b>Camera/Audio/Microphon</b>             |   |
| Eyes Care             | TÜV Eye Comfort<br>TÜV Flicker Free<br>TÜV Low Blue Light  | Built-in Camera                           | 50M 150°FOV   |
| Refresh Rate          | 60Hz   | Video Recording                           | 4K, 1080P, 720P   |
| Response Time         | 8ms  | Built-in Microphone                       | 4-Array Microphone  |
| Backlight Unit        | DLED   | Microphone Pickup Range                   | 0-8m  |
| Backlight Life (Typ.) | ≥ 50,000 Hours   | Speaker Output Power                      | 2 x 25W+2 x 12W (Max.)<br>Upper Front Speaker   |