ProColor E5UC Series

Interactive Intelligent Panel

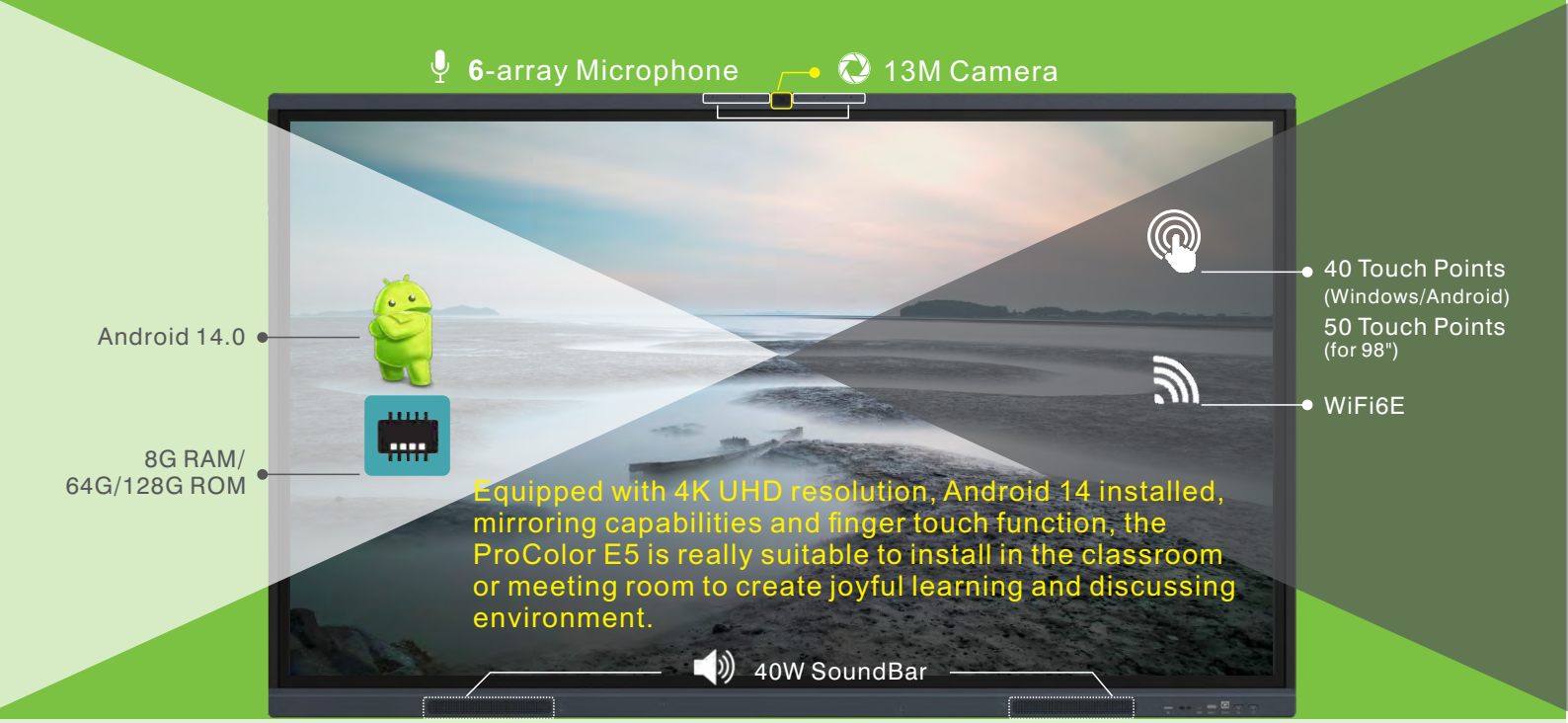
Delivers Brilliant Instruction on the LED-backlit, 4K Ultra HD, 40/50(for 98")-Touch and Pen Interactive Intelligent Panel.

Students will see everything with Boxlight's vibrant ProColor interactive intelligent panel. Choose from the 65", 75", 86" and 98" models, offering all the features of a touch-driven interactive whiteboard with the simplicity and elegance of a state-of-the-art, ultra-high-definition (native 4K UHD) display.

- Lessons have more contrast and are easier to see—even in large classrooms.
- Teachers can use and save content directly from their Google Drive or Office 365 cloud storage systems.
- Up to 40/50 (for 98") single-point touch users or 20/25 (for 98") dual-touch and gestures users can work simultaneously with Touch 360° interactivity, driving collaborative learning.
- 4K UI and Android channel for high-resolution viewing without a PC.

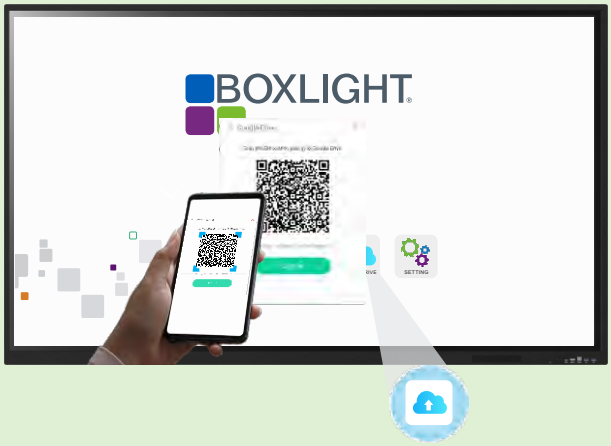
* Multi-touch available on Windows systems. Android, Mac. Chrome and Linux are single touch.

BOXLIGHT®



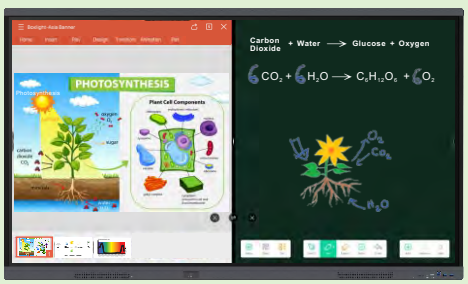
Easy Access Cloud Accounts (EACA)

As personal data can be stored directly in the cloud, our cloud drive can allow you scan QR code with your phone to get accessible credentials instead of typing your ID and password on the screen. In this way, you really carry nothing but using the cloud files directly on the class.



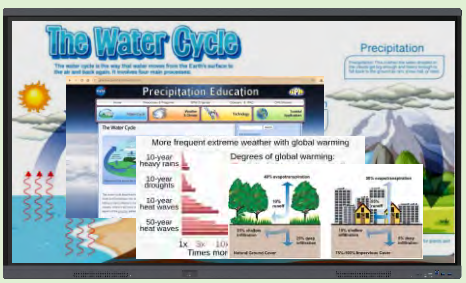
Versatile Display Modes

Featuring split-screen(PBP), picture in picture(PIP) and multi-window modes, enabling immersive experiences for classrooms or video conferences. Enhance learning and interaction effortlessly.



Split-Screen

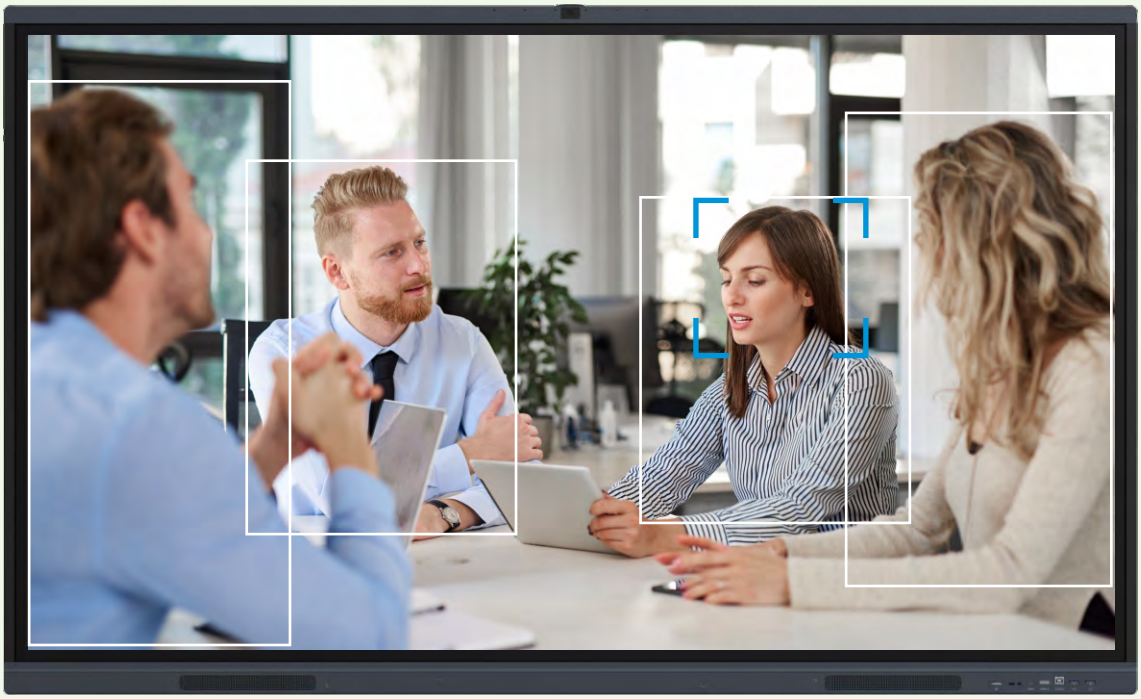
Picture in Picture



Multi-Window

Ultimate Clarity and Sound for Your Meetings

The built-in camera features auto framing, auto focus, and voice tracking, with 4K photo capture in Android mode for amazing convenience. Paired with the 6 array microphone, it ensures crystal-clear voice pickup, transforming any room into a collaborative space. Deliver a seamless, professional experience for meetings, classes, and everything in between.



AI Tools

Diverse and scalable AI tools enhance classroom presentations and integrate with numerous apps, helping you work efficiently.

AI Search

Provide a variety of knowledgeable answers.

Live Subtitles

Converts system audio into subtitles, very useful when learning languages.

Outline Navigator

When playing videos, an outline is displayed and allows you to quickly jump to any section of interest.

AI Painter

Generate sketch from lines/curves, or generate a detailed artwork from sketch.

More Than Just a Display

Touch interactivity and collaboration are brought to life with the brilliance of our ultra-high definition Android flat panels. Combined with our powerful applications and software, learning has never been so engaging.

Note Whiteboard

Note provides a powerful whiteboard equipped with a variety of tools and AI handwriting recognition in multiple languages, aiming to make the course more attractive Interactive teaching: Whether it is face-to-face teaching or online teaching, Note allows students to more deeply participate in the use of whiteboards.

- **Offers diverse writing techniques to make lessons more dynamic.**
  - AI handwriting recognition in multiple languages
  - Magic pen: automatically recognized handwriting and transfer into patterns
  - Support multiple operations on selected objects
- **Provides an abundance of tools and resources to cover a wide range of subjects.**
  - Professional ruler and compass tools
  - Periodic table of elements
  - PhET subject resources
- **Supports various scenarios to accommodate different teaching environments.**
  - Planet: explore the solar system in a single canvas
  - Support inserting cloud drive resources into Note
  - Picture & video online searching

Screen Share Screen Mirroring

Bytello Share is a powerful, WiFi-based screen sharing solution that shares screens to a large display or casting contents to mobile device. With “two-way touch control”, enhancing collaboration and productivity in classrooms, meetings and presentations.

- Two way sharing (casting to panel or view panel from laptop)
- Compatible with Well-Known Protocols (Airplay, Miracast, Chromecast, etc.)
- Flexible Screen Presentation (up to 9 screens)
- Everything under control (advanced permission management, privacy window filtering)
- Sharing group for group discussion
- P2P/WLAN Screen Sharing (no need to install app)

Bytello Class Pro Hybrid and Remote Learning

Class Pro focuses on teaching scenarios and facilitates interactive teaching through collaborative classrooms. Additionally, it supports personalized post-class learning and utilizes audio and video tools for remote collaborative activities.

- **Preparation Before Class**
  -Enhancing lesson planning efficiency with AI
  -Courseware & Quiz generation

- **Seamless integration with popular education system**
  -File format compatibility & Bi-directional link to LMS

- **Teaching & Learning During Class**
  -Take care of everyone
  -Activities with full participation & screenlock for students
  -Follow the teacher anytime, anywhere
  -Collaborate in real time & live session
  -Take self-study notes freely
  -Automatically saves all data in class and allows students to
  -freely review from the student side.

mimio DMS Devicec Management

Effortlessly manage your IFP in the classroom through centralized control with mimio DMS.

Mimio DMS is cloud-based, admins can manage, manage, update, schedule and broadcast simultaneously on multiple interactive displays from any location, ensuring efficient, streamlined operations.

- **Ability to control various equipments.**
- **Convenient Device Management.**
  - Provides a variety of commands to meet the daily management needs of IT, allowing it to manage devices efficiently and flexibly.
- **Get powerful insights and analytics.**
  - View the operations information for each device in a straightforward interface, Collect and analyze statistics for useful insights or inspect panels for errors.

Find the Right Panel for your Classrooms

	ProColor E565UC	ProColor E575UC	ProColor E586UC	ProColor E598UC
Overall Dimensions (W x H x D)	1488.4 x 905.5 x 99.3 mm (58.6 x 35.7 x 3.9 in.)	1,709 x 1,029 x 98 mm (67.3 x 40.5 x 3.9 in.)	1,957 x 1,168.8 x 97.1 mm (77.0 x 46.0 x 3.8 in.)	2,219.6 x 1,318.4 x 89.8 mm (87.4 x 51.9 x 3.5 in.)
Weight	31.40 kg (69.2 lb)	41.45 kg (91.4 lb)	51.35 kg (113.2 lb)	84.35 kg (186.0 lb)
Active Screen Size (Diagonal)	65 in.	75 in.	86 in.	98 in.
Resolution	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160
Aspect Ratio	16:9	16:9	16:9	16:9
Brightness (typ)	400 cd/m^2	400 cd/m2	400 cd/m2	450 cd/m2
Contrast Ratio	15,000:1	15,000:1	5000:1	5000:1
Viewing Angle	Hor. 178°, Ver. 178°	Hor. 178°, Ver. 178°	Hor. 178°, Ver. 178°	Hor. 178°, Ver. 178°
Backlight Life	50,000 hours			
Tracking Technology	Touch 360° Infrared	Touch 360° Infrared	Touch 360° Infrared	Touch 360° Infrared
Touch Points	40-touch: Windows, Android & Mac; Single touch: Linux, Chrome			50-touch: Windows, Android & Mac; Single touch: Linux, Chrome
Writing height	≤2mm	≤2mm	≤2mm	≤2mm
Accuracy	±1.5mm	±1.5mm	±1.5mm	±1.0mm
Anti-Glare Glass	Yes	Yes	Yes	Yes
Input/Output	Input: HDMI 2.0 (Up to 4K@60Hz) x 3, Audio 3.5mm x 1, RJ45 x 1 Output: HDMI x 1, Audio 3.5mm x 1, SPDIF x 1 USB: USB 2.0 x 1, USB 3.0 x 3, USB 2.0 Type-B for Touch x 2, USB Type-C x 1(Does not support fast charging and screen mirroring) Data and Control: RS232 x 1, LAN RJ45 x 1(10M/100Mbps)			
Sound Output	2 x 20W speaker	2 x 20W speaker	2 x 20W speaker	2 x 25W speaker
Sound pressure level	84dB	84dB	84dB	84dB
Microphone Quantity	6	6	6	6
Microphone pickup distance	0~8m	0~8m	0~8m	0~8m
Camera	13M pixels	13M pixels	13M pixels	13M pixels
Power requirements	100 -240 VAC 50/60Hz	100 -240 VAC 50/60Hz	100 -240 VAC 50/60Hz	100 -240 VAC 50/60Hz
Power Consumption(typ.)	125W	210W	225W	350W
Standby Power Consumption	≤0.5 W	≤0.5 W	≤0.5 W	≤0.5 W
Mounting Screw Size	M8 x 25 mm	M8 x 25 mm	M8 x 25 mm	M8 x 25 mm
VESA Form Factor	600 x 400 mm	800 x 400 mm	800 x 600 mm	800 x 600 mm
Operating System	Android 14.0	Android 14.0	Android 14.0	Android 14.0
CPU	A73×4	A73×4	A73×4	A73×4
GPU	Mali G52MC1	Mali G52MC1	Mali G52MC1	Mali G52MC1
RAM	8GB	8GB	8GB	8GB
ROM	64GB	64GB	64GB	128GB
WiFi Module	WiFi 6E/Bluetooth 5.3	WiFi 6E/Bluetooth 5.3	WiFi 6E/Bluetooth 5.3	WiFi 6E/Bluetooth 5.3
Internal OPS Module	Optional	Optional	Optional	Optional
Software				
Note	included	Bytello Class Pro	Optional	
Bytello Share	included	AI Tools	Optional	
Mimio DMS (Basic version)	included			

*Note: ProColor Series 5 flat panel can only be used horizontally in a table for 90 minutes before needing to be returned to a vertical position. They must remain in a vertical position for a minimum of 30 minutes before they can put into a tilted configuration again.

*Note: Specifications subject to change without notice .

What's in the Box

Flat panel display, magnetic stylus x 2, remote control, wall mount (optional), HDMI cable (3 m), USB A-to-B for touch (5 m), US power cord (3 m), software licensing, display apps, warranty card, and Quick Start Guide.

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