

163" LED all-in-one machine

COB all-in-one manual



163-inch LED all-in-one display



Smart displays

- ✓ The brightness of the LED all-in-one machine is automatically adjusted according to the environment
- Filtering, all-round monitoring of the screen status.
- ✓ Support 4-screen display.
- ✓ Anti-blue light design, take care of your eyes



Super energy saving

- ✓ The maximum power consumption of the unit box is 70W, which is far better than that of products of the same level.
- More energy-saving and power-saving.
- ✓ Intelligent black screen energy saving, black screen energy saving of more than 55%.



Quick to install & easy to maintain

- ✓ 2 people can complete the installation in 2 hours.
- ✓ Front and rear installation and front maintenance help the screen to maintain efficiently
- Protect.



Picture quality engine enhancements

- ✓ The high gray and low brightness screen display shows more details on the screen.
- ✓ 14bit video display, the picture is more realistic.
- ✓ Fully corrected from the factory, the picture display is more uniform and smooth.



Simple, sophisticated design

- ✓ Adopt CNC precision cutting design, higher precision.
- ✓ The raw material is designed with die-cast aluminum, which is lighter in weight.
- ✓ It adopts 600*337.5 cabinet design, and the picture ratio is 16:9.



Integrated design

- ✓ Equipped with 15W built-in speakers, punchy bass and
- Crisp treble to create a truly immersive three-dimensional
- Sound surround sound.
- ✓ With dual WIFI design, support AI voice remote control control,
- It can support notebooks, tablets, and mobile phones with 4 screens at the same time
- Display.

SMD封装

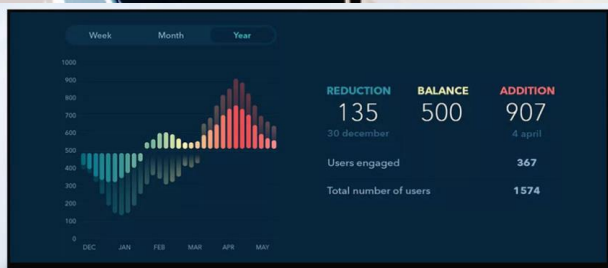
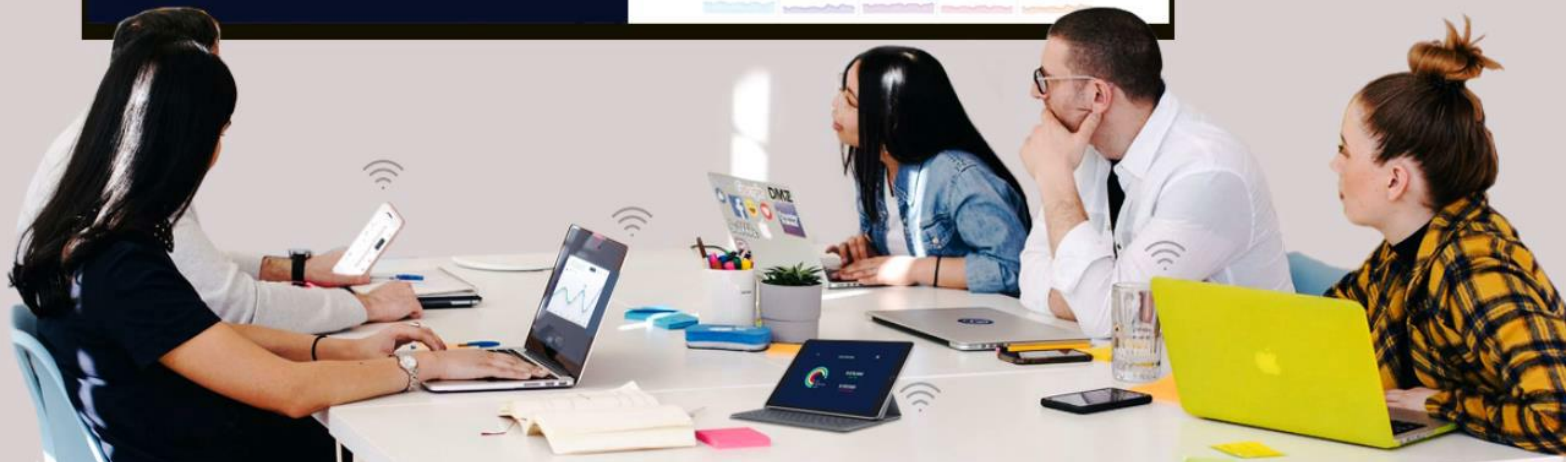
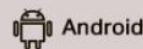
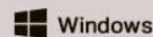
COB封装



COB HD picture quality

Using COB integrated packaging technology, the screen is similar to the surface light source, the picture is soft and not dazzling, and has ultra-high contrast and ultra-wide

The color gamut realizes the unified calibration of the brightness and color of each pixel unit of the screen, bringing excellent display effect.



Wireless screen projection, free sharing

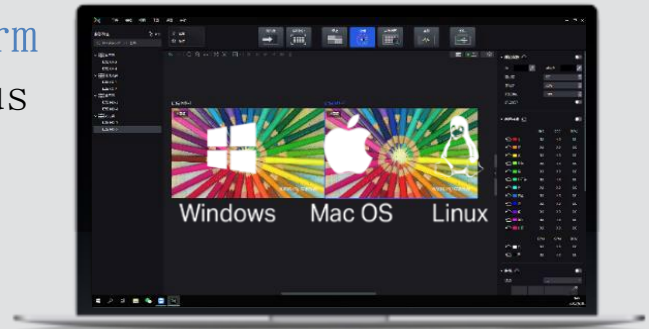
Support multiple terminals of computers, mobile phones, tablets, and Windows, iOS and Android different platforms, fast and wireless projection, up to 4 points

The screen is independently projected and shared.

Visual monitoring

Visualized monitoring platform

It can monitor the running status in real time and support access from Windows, macOS, Linux and other operating systems



Preview of the video input source

Monitor the operational status of input sources

Monitor the status of the display

Monitor the operating status of each card on the screen, monitor the temperature, and monitor the communication status.

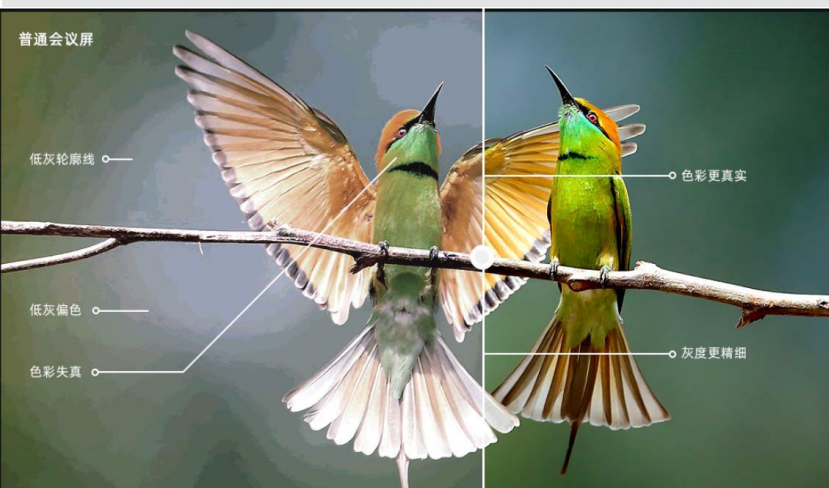
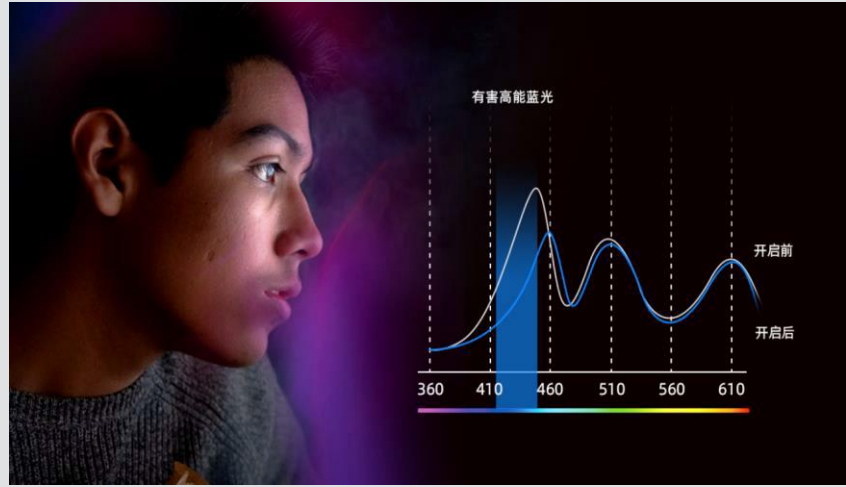


Monitor the status of the controller

Monitor the running status of the master sending card.

characteristic

One key to turn on the eye protection mode, the system side effectively assists, Filter out harmful high-energy short-wave blue light, watch for a long time, Take care of your eyes.



Better grayscale and color performance, the picture is more detailed Greasy real. The details are vividly displayed in low brightness, so that the meeting screen is displayed The factory is "beautiful quality".

More sizes, meet needs, and a more shocking visual experience.



Brilliant display

High gray and low brightness

Support 14bit display grayscale, 64 times grayscale transition, the screen display is more flat
Slide, restore the original display of colors.



Multi-layer full grayscale correction

Full gray scale luminance correction is adopted, and high brightness, medium gray and low gray can be achieved at the same time
The brightness of the chromaticity is uniform, the picture quality is clear and sharp, and the colors are pure and rich, making the display
The color rendering of the screen is more accurate.



HDR



Business applications

conference room

The large screen is clearly displayed, supports multi-person conference calls, and the thinner body does not take up space, making the conference office more convenient.



Terrace classrooms

Huge pictures are clearly displayed to provide a better learning experience for students in the classroom.

Support a variety of devices to display on the same screen, which is more convenient for interaction.

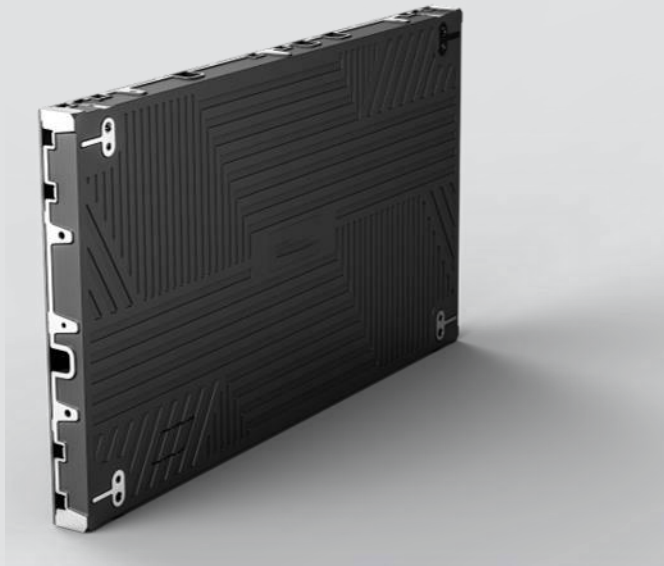


Expert meeting room

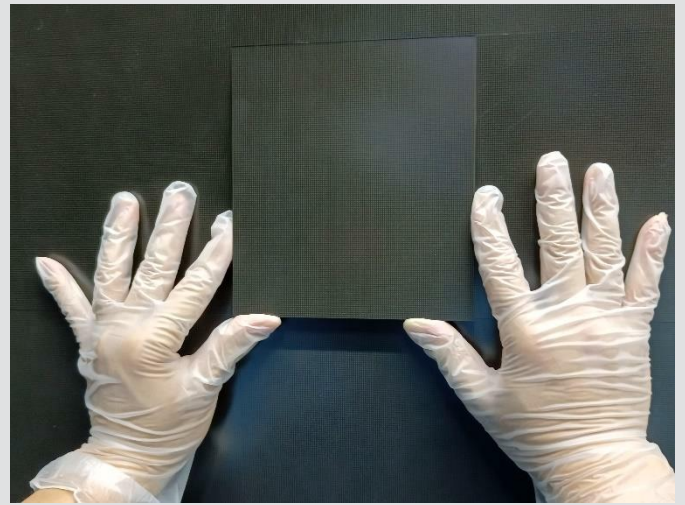
The large screen is clearly displayed, the product has high reliability and long service life 120,000 hours.



Process escalation



Simple and precise design
Minimalist integrated design of industrial aesthetics, thin and light body only 35.5mm, taking up less space.
Lightweight body, ultra-narrow bezels, 95% screen-to-body ratio.
Support wall mount bracket and mobile cart design.



Quick to install and easy to maintain
Modular design, installation can be completed in 2 hours.
Full front-end installation, maintenance, and space-saving installation.

COB process design
Protective coating design to avoid impact, moisture, dust, etc., and enhance screen protection.

Dynamic energy saving
Dynamic energy saving and efficient heat dissipation, with traditional LEDs
Energy saving is $> 40\%$ and the screen temperature $< 40^{\circ}$.

Smart screen off
The black screen state is less than 55% less energy efficient than the normal display state
Above.



specification

Physical parameters	
Spot spacing	1.87mm
Lamp bead type	COB
Screen size (W×H)	3600×2025mm
Screen Resolution (W×H)	1920×1080
Box size(W×H)	600×377.5mm
Cabinet Resolution(W×H)	320×180
Module Size(W×H)	300×168.75mm
Module Resolution(W×H)	160×90
Unit box weight	4KG
Pixel density	284444pixels/m²
Flatness	±0.2mm
Grayscale	14bit
proportion	16:9
Cabinet material	压铸铝
Cabinet arrangement	6×6
LED encapsulation	COB集成封装，恒流驱动
Maintenance methods	前维护

Electrical parameters	
Supply voltage	100-240V, 50/60Hz
Peak power consumption	2520W
Average power consumption	约 800W

Use environment	
Operating ambient temperature	-10℃~60℃
Operating ambient humidity	10%~90%RH, No condensation
Waterproof rating	IP54
Service life	120000Hrs

Accreditation	
Standard certification	CCC、ETL、CE、FCC、EMC
Environmental certifications	ROHS

Specifications are subject to change without notice.

Optical properties	
brightness	≥600cd/m², The brightness from 0 to 100 can be adjusted arbitrarily
Horizontal viewing angle	≥175°
Vertical viewing angle	≥175°
Cabinet unit flatness	≤0.03mm
Module flatness	≤0.03mm
Adjacent box flatness	≤0.03mm
Brightness uniformity	≥99%
contrast	50000:1
Grayscale scale	≥14bit
Pixel runaway rate	1/1500000
Refresh rate	3840Hz
Frame change frequency	50/60/120/240Hz Adaptive
Temperature	1000-18000Kadjustable
correction	Luminance correction

System parameters	
How it is displayed	Laptops, tablets, and mobile phones are displayed on the screen
Android	11.0（定制）

Interface information	
	

