

X-BOARD 4

CBLED
Smarter and Simpler





2016: 1st Generation



2018: 2nd Generation



2019: 3rd Generation



2022: 4th Generation

Development Course

---- Initially Proposed the concept of "Commerical LED Display" ----

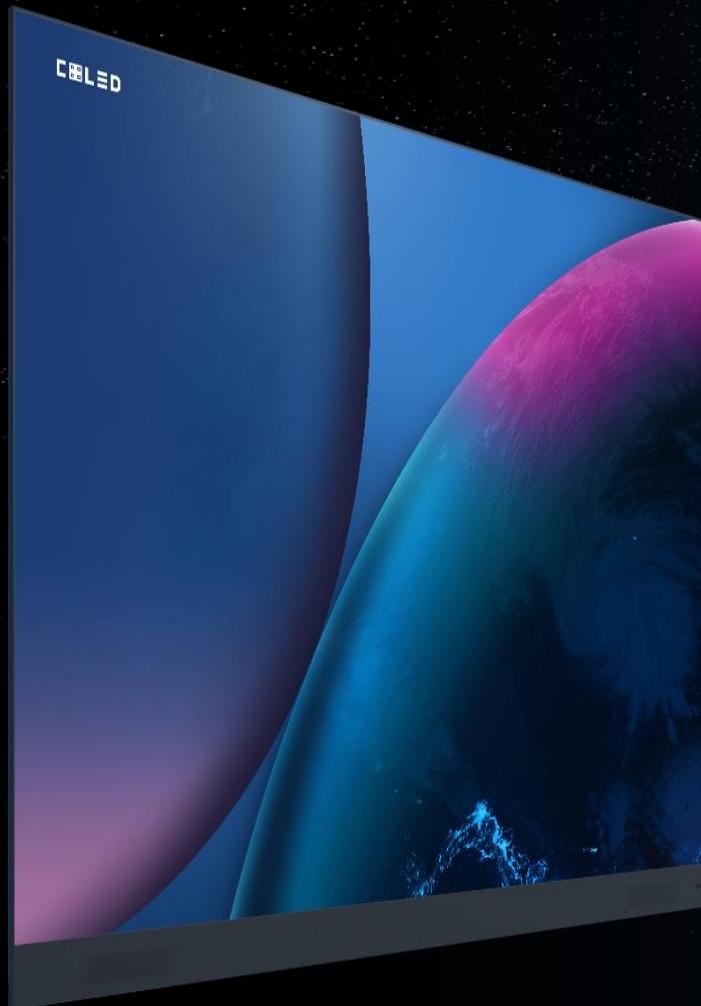


More Options for Different Scenarios

Package : SMD/Mini/COB

Size: 108" 135" 163" 216"

Pixel Pitch: 0.7mm, 0.9mm, 1.2mm, 1.5mm, 1.8mm, 2.5mm



OVERAL VIEW

2.5cm thickness

Super thin/convenient

5mm framework

Bigger viewing area ratio

Various interface

More signal inputs

Wall installation

Single splicing/double splicing/vertical ; Floating/streamlined bracket

Quad CPU

Powerful kernel

Powerful sounds

Full-band sound

Hassle-free Communication

video conference application

Screen Splicing

PIP/PBP

Light sensitivity adjustment

Brightness adjustment

Split power supply

Lower power supply peak

4G+64G

Large Memory

High definition 4K

3840*2160

Fast screen projection

wire/wireless screen projection

Smart Dehumidification

Home-developed

Personality interface

power-on animation/Main interface

Central control application

support RS232/485

Low Power Consumption

0.5W standby power consumption

Vivid & Broad Visual Experience

- 4K High Definition:3840*2160
- High Dynamic Range(HDR): display images more closely resemble what the human eye can perceive
- High Contrast Ratio:20000:1, >95% brightness uniformity
- 0.08 chromatic uniformity, standard 100% bt 709 wide color gamut



The Best Audio Performance

Built-in 2x20W full-band custom speaker, 82dB high sensitivity,
120Hz box tuning, 20-20KHz ultra-wide frequency response range,
left and right channel stereo.



Various Interface

USB x 3

Audio out x 1

HDMI in x 5

Audio in x 1

HDMI out x 1

S/PDIF out x 1

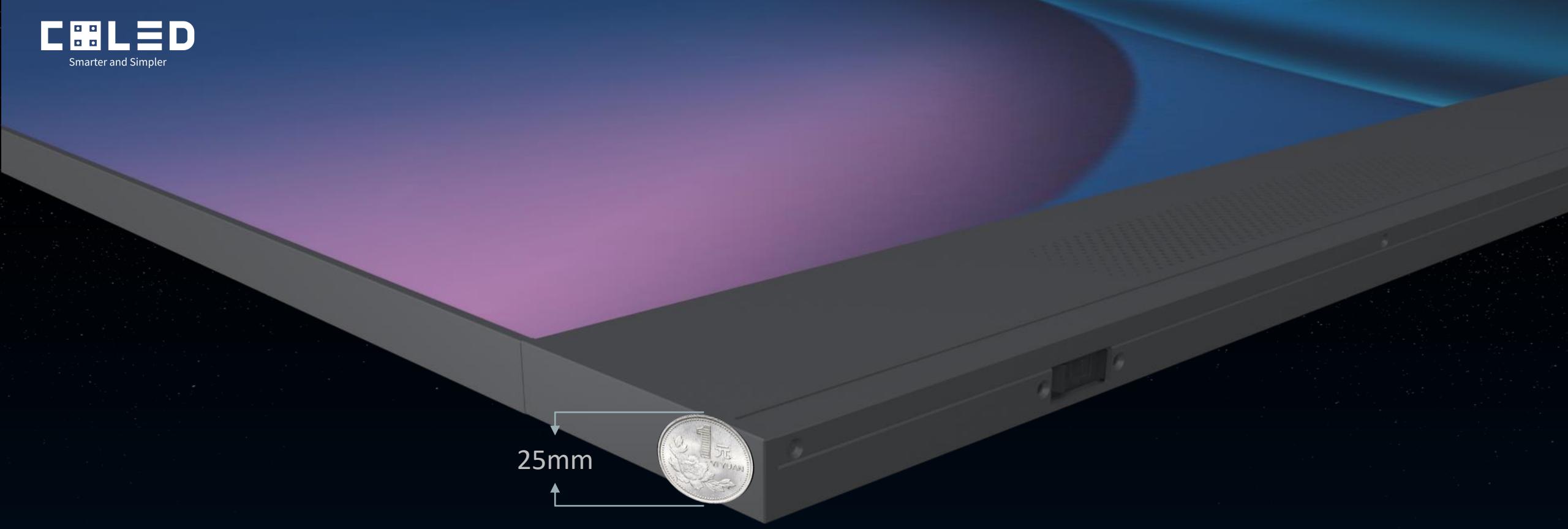
RS232 x 1

Type-C in x 1 RJ45 x 1



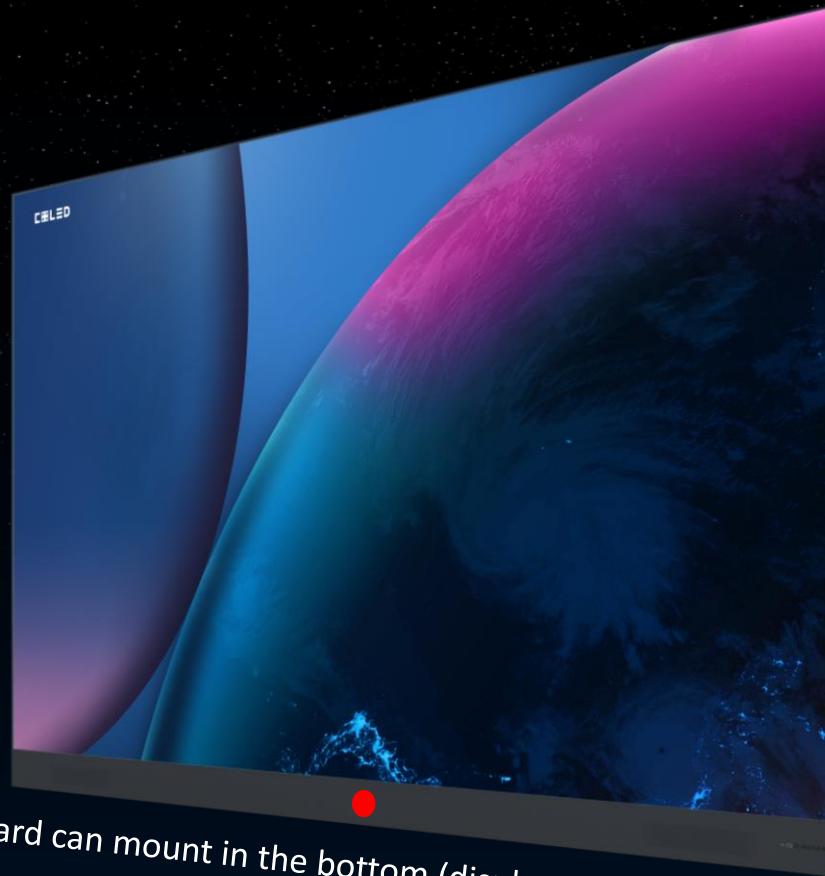
Various Buttons

ON/OFF; Standby ; Brightness adjustment; Brightness sensing;
Infrared induction; Dual WiFi; Switch the signal source; Bluetooth



25mm Super Thin Design

35mm COB Package



Board can mount in the bottom (display area >93% occupation)

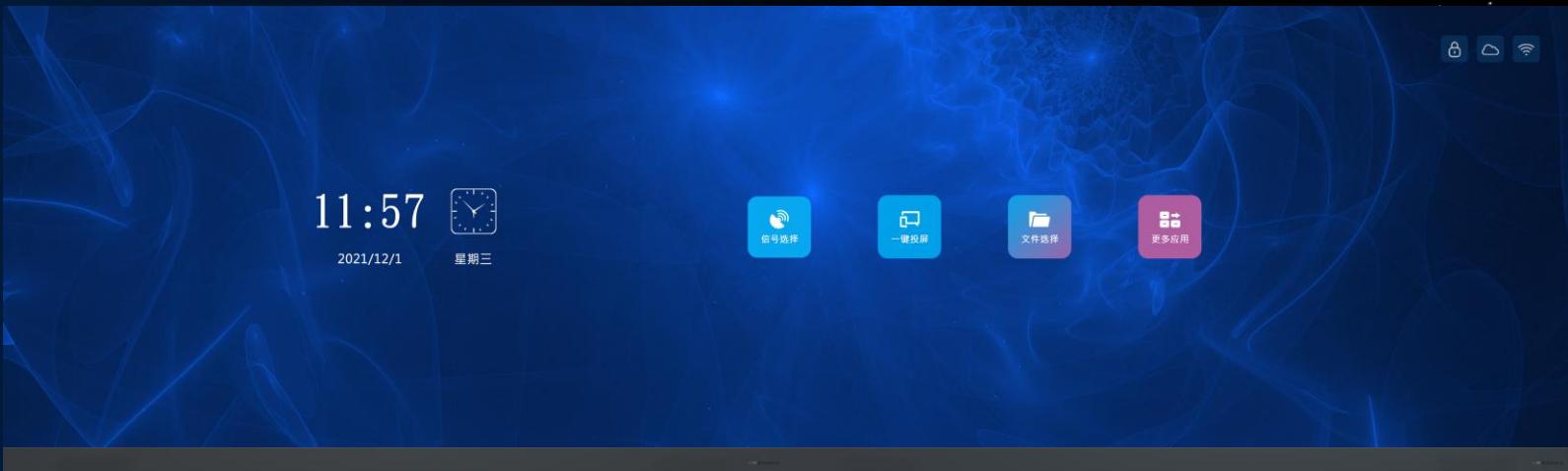


Board can hide in the back (display area >99% occupation)

5mm Ultra-narrow Border - Bigger View

Dual screen splicing for more content

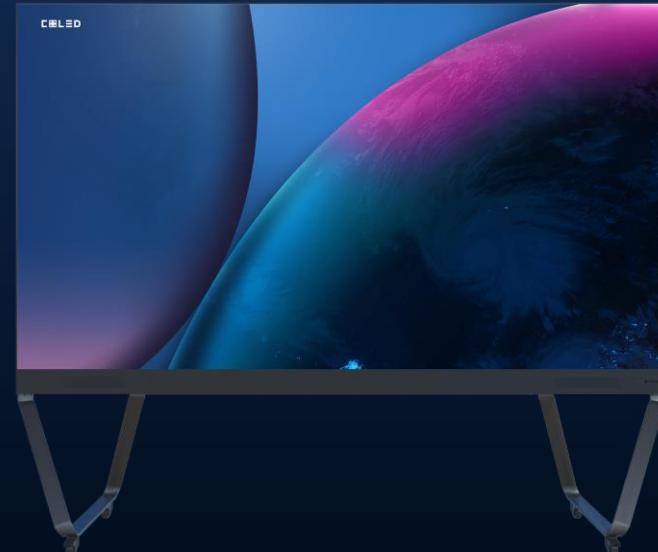
Wall mounting can achieve
seamless splicing of dual screens.
Interaction operation experience



Floating design | tech-style | Bracket front mounting



streamlined design | conference style | Aluminum

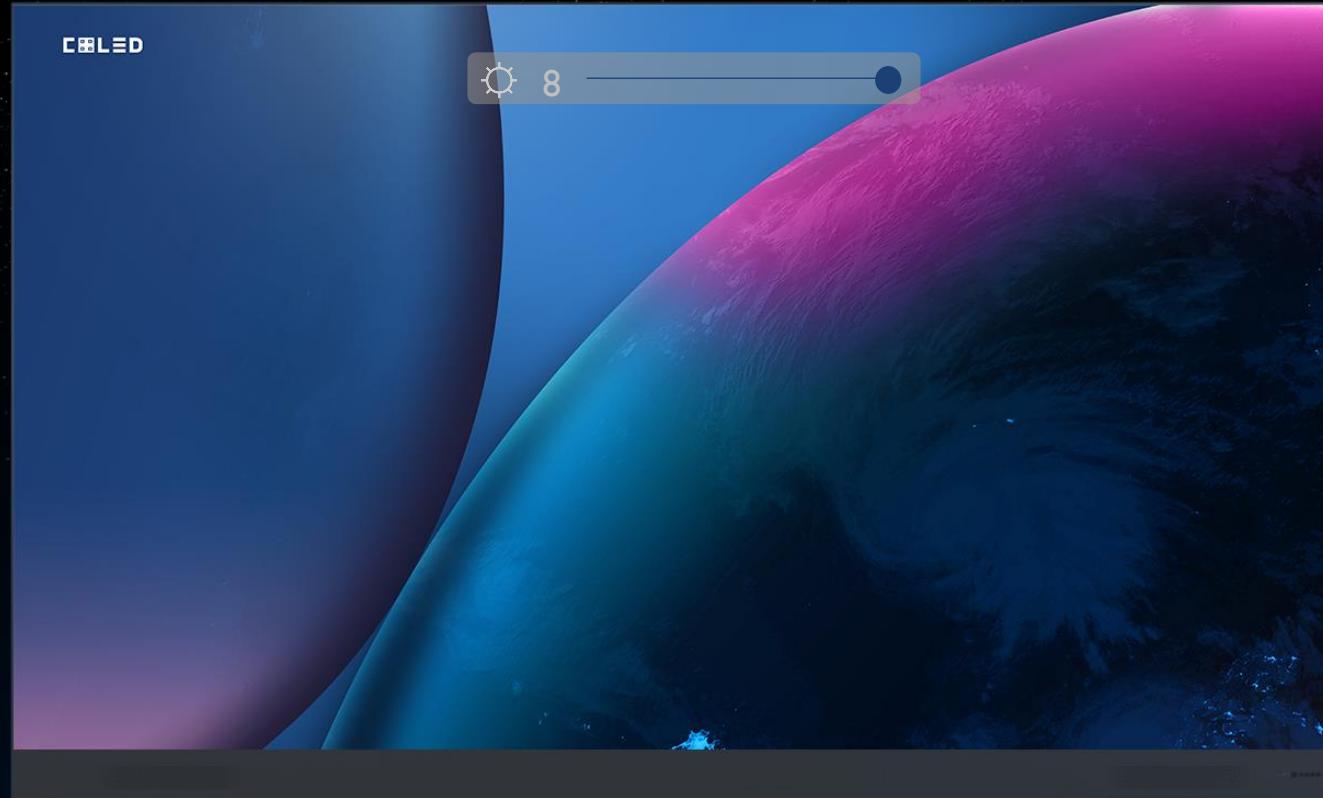


Floating design | tech-style | Bracket back mounting



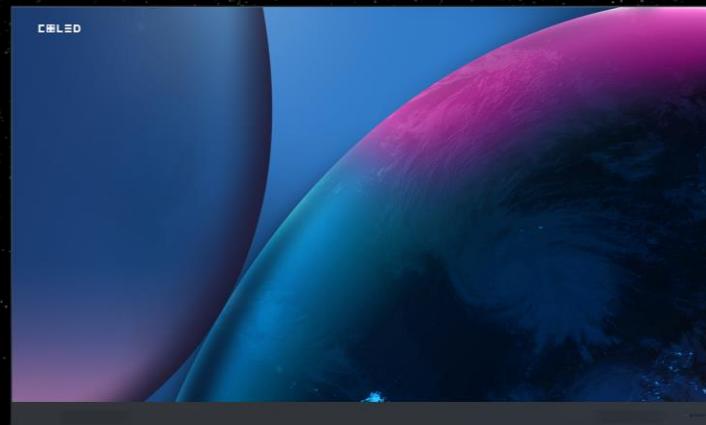
Various options
floating bracket/ streamlined bracket

216" is not available.

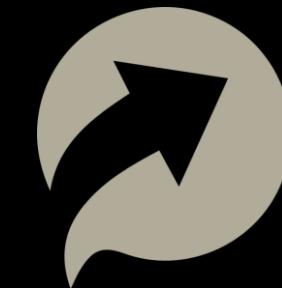
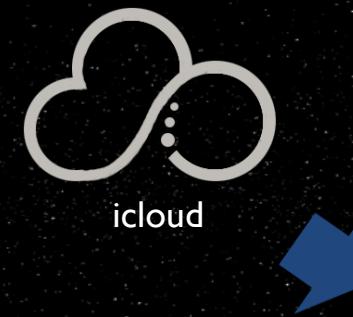


Eye Protection, Adjustable brightness

8-levels brightness adjustment, Intelligent auto-brightness adjustment by light sensor



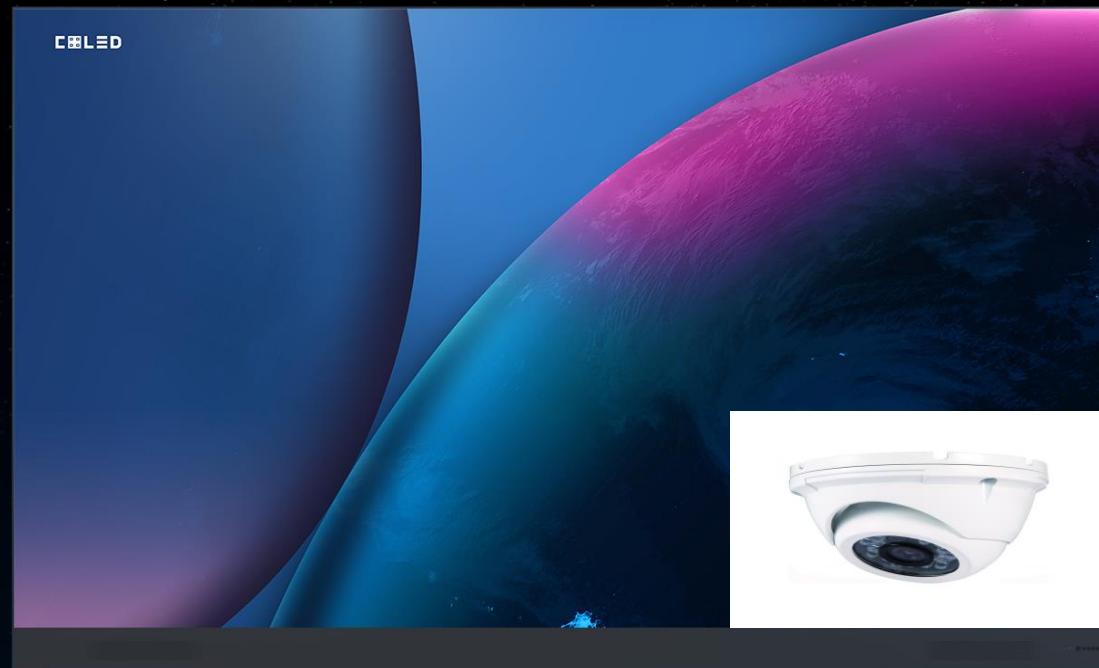
User-experience Improving



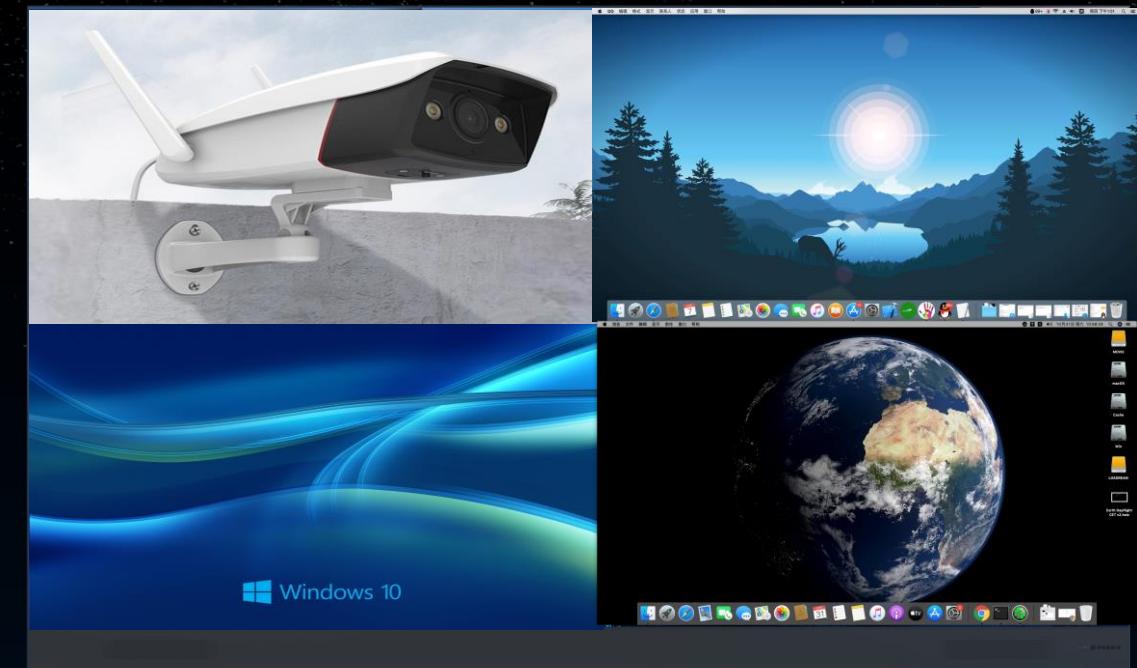
Continuous upgrading

More Smarter & Simpler

Support U-disk play, networked OTA online upgrade, continuous improving user experience



PIP: screen can be scaled, moved freely,
interacted with main interface



PBP: multi-signal inputs; multi-screens interaction

Support various signal inputs Multi-screens interaction



Bluetooth 3.0~4.0 25Mbps



Wi-Fi Direct 250Mbps

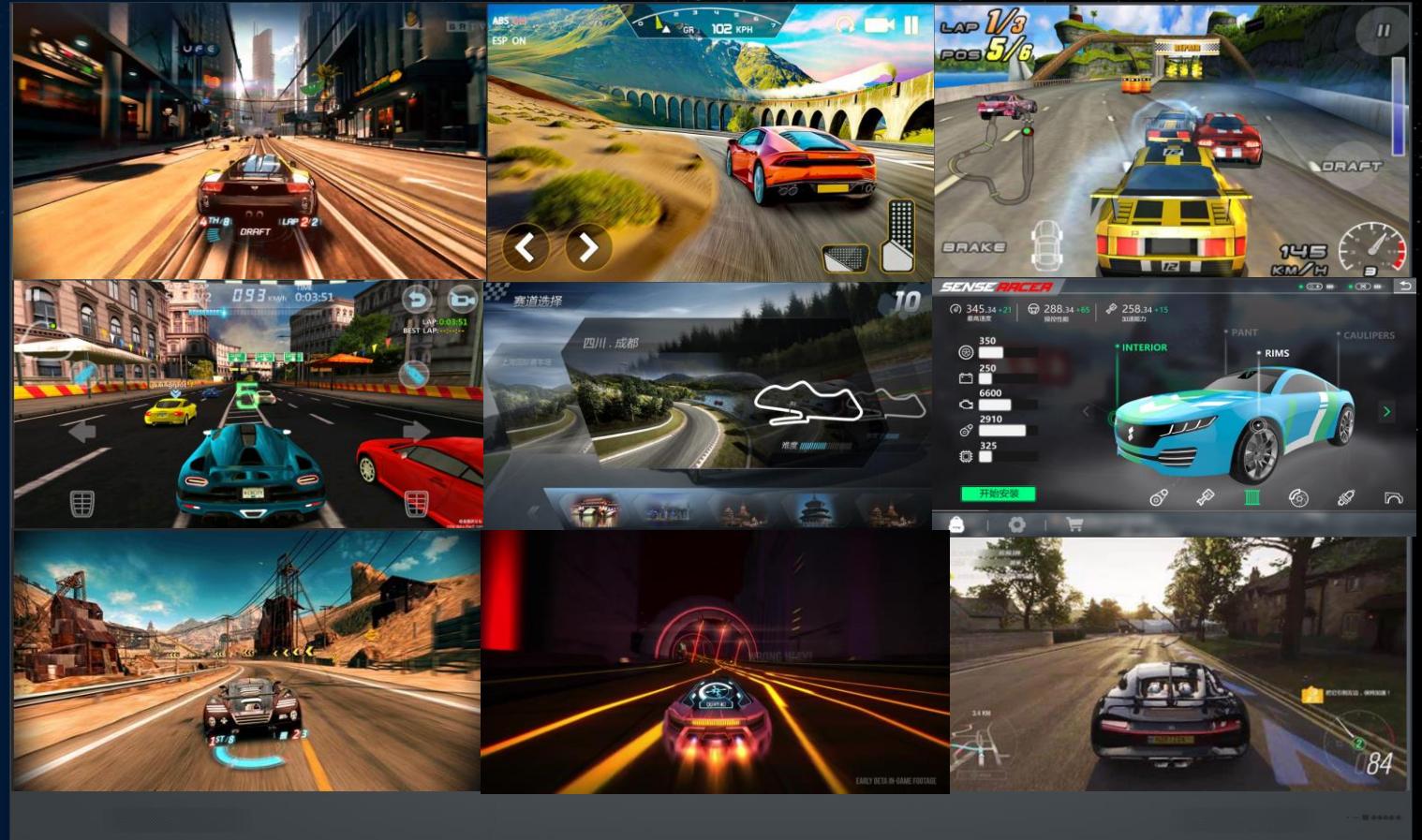
Fast File Transfer

Support Wi-Fi connection, 250Mbps transfer rate, 10 times faster than the standard Bluetooth rate

Wireless Projection

9 devices are supported at the same time

Bring you more flexible visual experience



Efficient Conference

Support video conference and other third-party conference software

Support external microphone, camera devices



External devices are required to be provided by the customer

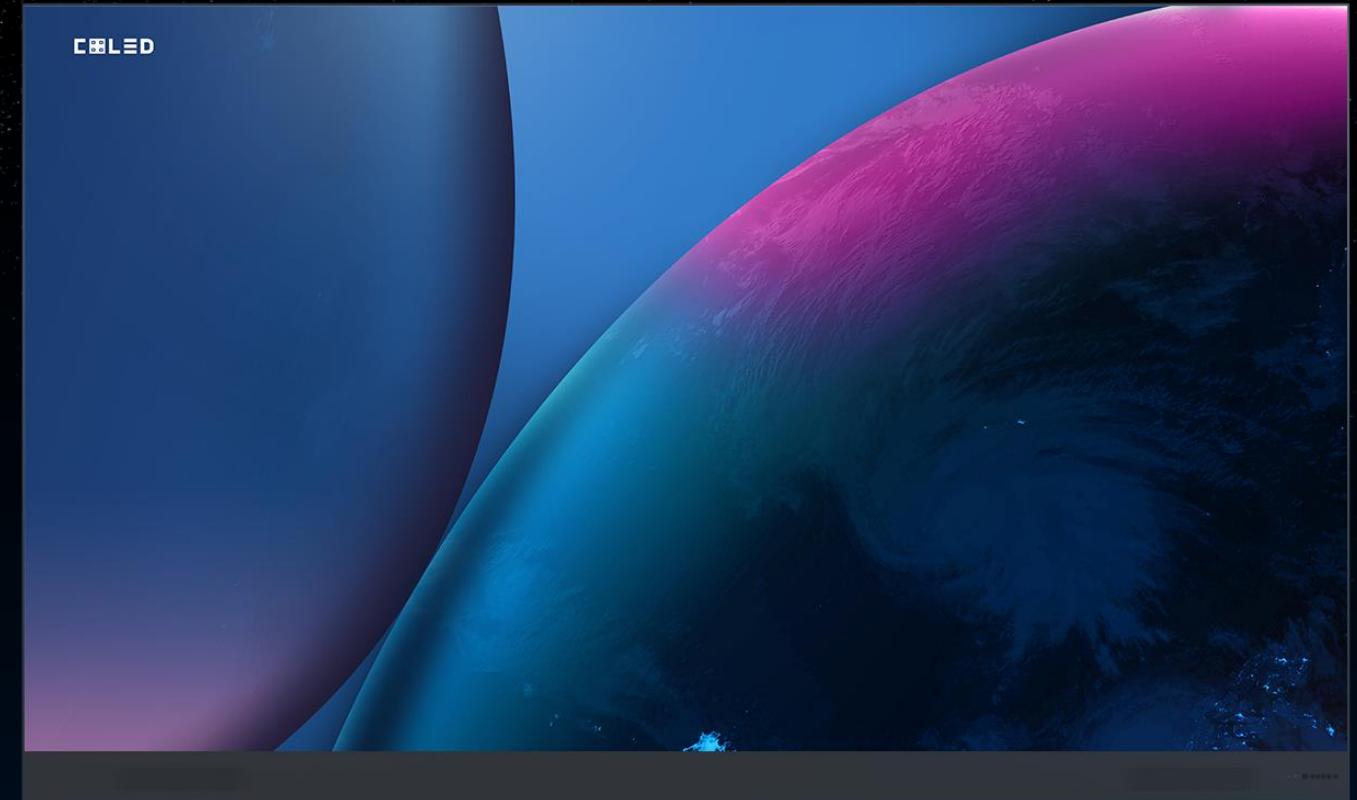
Smart Multi-device Connection

Supports RS232, RS485 and self-developed app control.
The control terminal can control all devices that have been
connected to the central control.





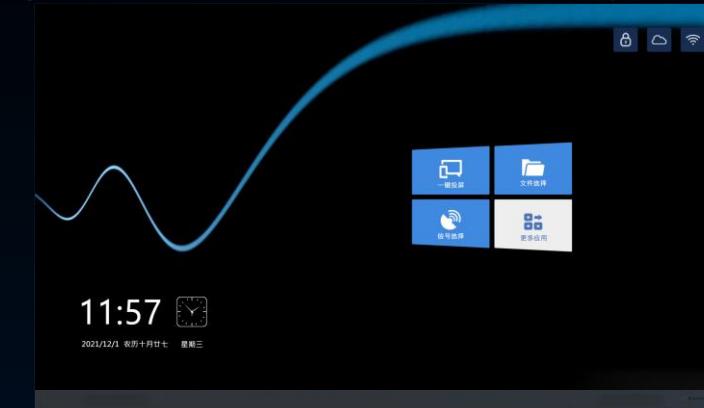
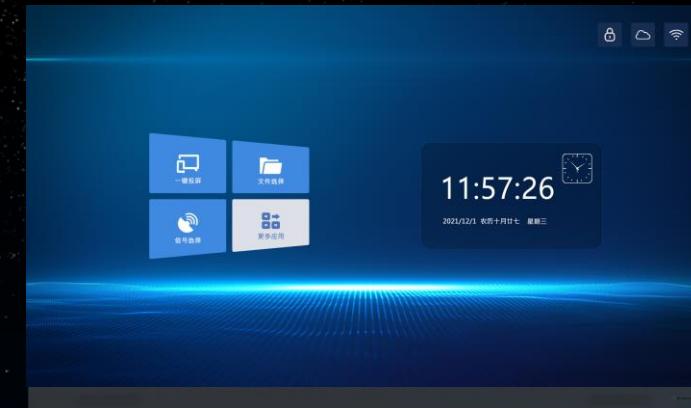
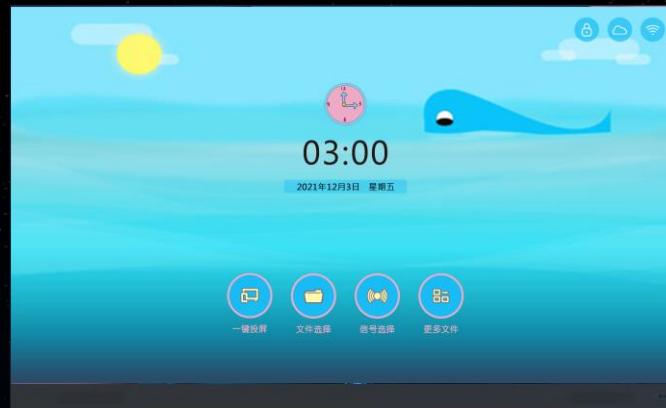
Internet
Transmission



Wireless 100m Far Transmission

HDbaset use network cable instead of HDMI cable to transmit images, up to 100m playback distance

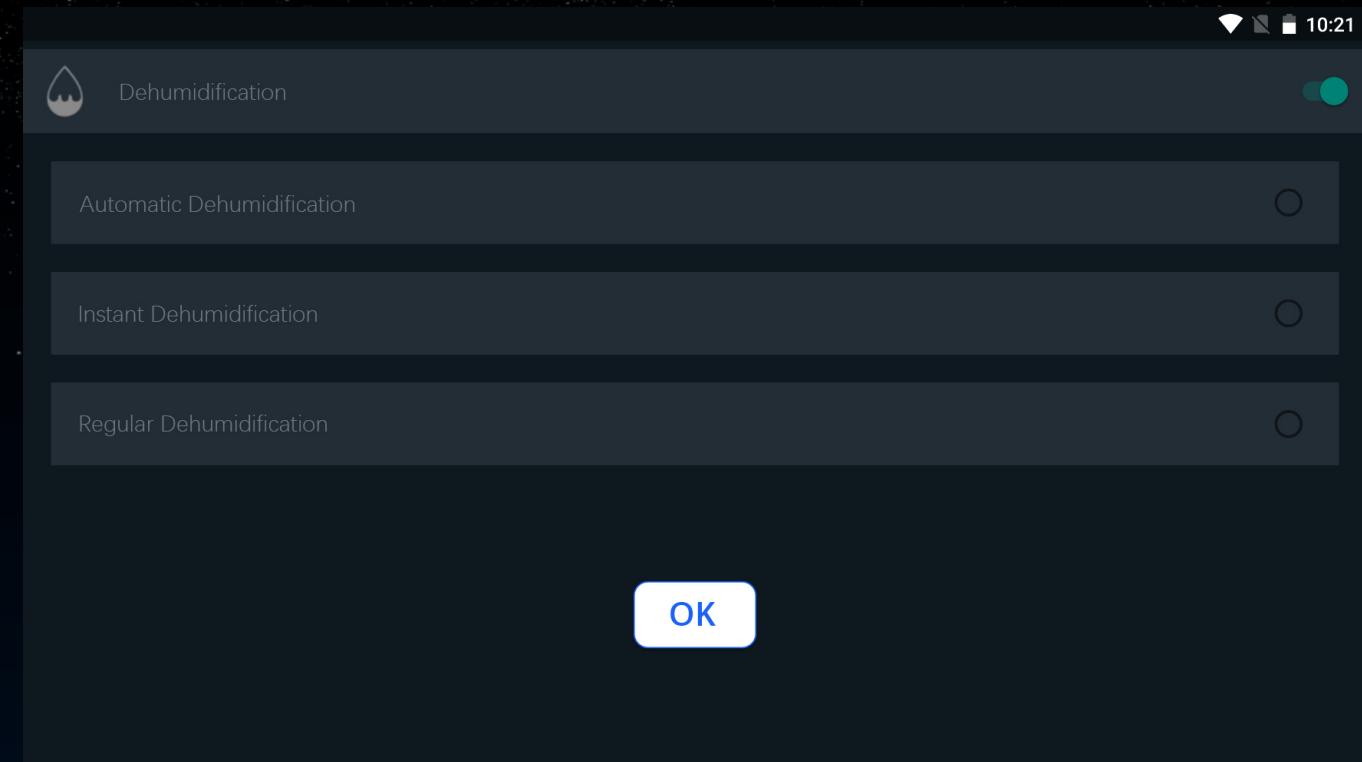
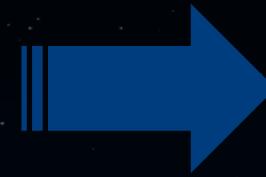
Optional function



Personalized Interfaces

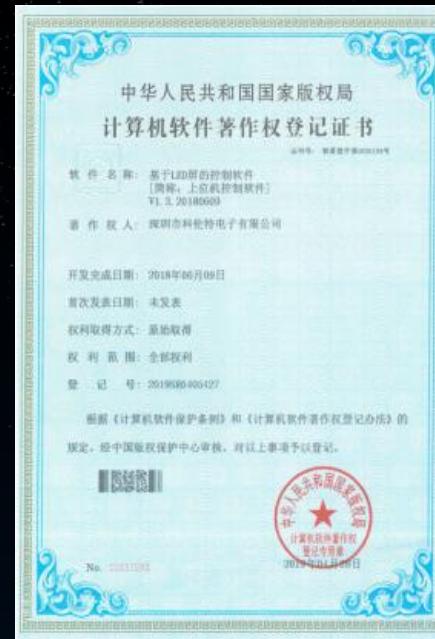


Dehumidification assistant



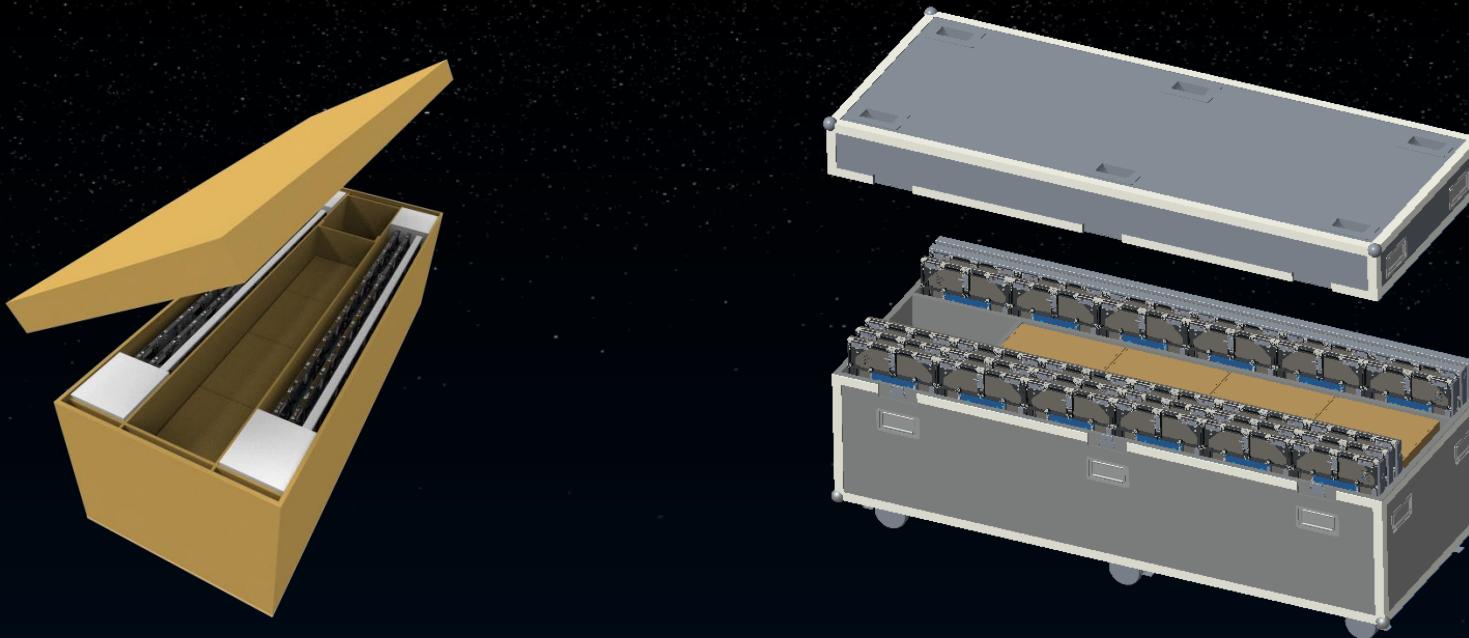
Self-developed patent dehumidification software

Built-in self-developed patent dehumidification software, dehumidification and moisture proof, various options



Certificates

3C, CE, ETL, FCC



Package & Transportation

Carton packing +Flight case

COLED product Specifications

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