Intelligent All-In-One COB LED Display

General Display
Video Playback
Document Presentation
Remote Conferencing

- Remote Control
- Videoconferencing
- Wireless Screen Transfer
- Multi System Projecton
- Support Bluetooth 4.0

Flip chip COB technology, High stability

Adopts flip chip COB encapsulation,waterproof,dustproof,anti-collision,and Antistatic etc

IP54 Waterproof

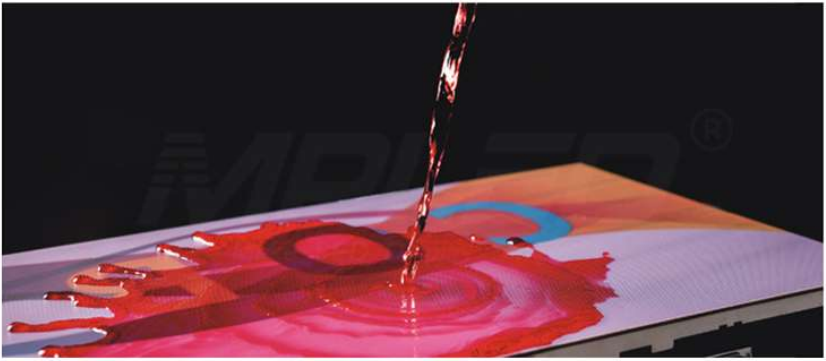
Dust Proof

Anti-oil Stain

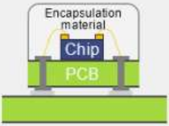
Anticollision

Antistatic

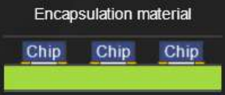
Can Touch



SMD
Surface mount device


Encapsulation material
Chip
PCB

COB
Chip on Board


Encapsulation material
Chip
Chip
Chip

SMD Packaging Technology	Full Flip COB Packaging Technology
✗ Low moisture level	✓ High moisture level
✗ Easy to knock and fall	✓ High protection level
✗ MICRO-LED bottleneck	✓ MICRO-LED bottleneck

✗ Heat dissipation bottleneck	✓ Low heat resistance . good heat dissipation
✗ Reliability Bottleneck	✓ No lead , high reliability
✗ Light efficiency bottleneck	✓ Inverted structure improves luminosity

Smart Control

01 Bluetooth 4.0 support

Bluetooth remote control
Bluetooth Speaker
Bluetooth keyboard
Bluetooth Mouse

02 AI Intelligent Voice Control

Standby
Adjust Brightness
Adjust Sound

Support remote video conferencing

Supports document presentations, video playback, remote conferencing. Ultra-strong integrated configuration for clearer remote calls

Support Multi-Platform Terminal Wireless Projection

- Support Android, iOS, Windows & Mac OS system
- Support two-way WiFi connection without signal interference between mirroring and networking.
- Support max 9 screen projection,also can realize Full screen, 2 partitions, 3 partitions,4 partitions,etc

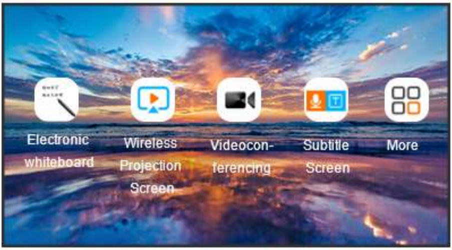
macOS
Big Sur
iOS
android
iOS
Big Sur

Open SDK,customized your UL style

Use the atomic power of SDK to customize your own UI style, expand rich applications, and create a unique brand.

- Scene mode
- Eye protection mode
- Brightness and chroma adjustment
- Picture Control
- Android APP

SDK


Electronic whiteboard
Wireless Projection Screen
Videoconferencing
Subtitle Screen
More

Best-fit scenarios for meeting

One press and go. Standard, soft, movie and conference modes are provided to take on your content meticulously

Document presentation,video playback,remote meeting etc can match the best display effect and make every moment comfortable.

Standard Mode

Soft Mode

Movie Mode

Conference Mode

Smart Installation

The screen supports wall mounting and mobile stand installation.
It can be easily installed and maintained in a short time

09:00AM
09:00AM
Make LED

Applicable to 108" 135"； 162" only supports wall mounted installation

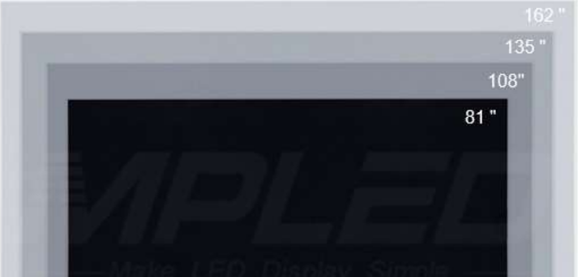
One-stop service to create conference brand

Provides 2K/4K panoramic video conferencing integrated All-In-One COB LED Display, AI language remote control, wireless projector and other supporting equipment. Open SDK allows customers to customize UI style, flexibly expand personalized conference applications, and fully recruit the unique brand image of the conference machine

Remote Control
Infrared Touch Box
Camera
AI positioning
Omnidirectional Wheat
OPS

Product Parameters

Standard 2K/4K HD, multiple sizes, to meet more space scenarios


162 "
135 "
108"
81 "

BOX SIZE: 81 "/108"/135 "/162"

Parameter	81"	108"	135"	162"	162"
Pixel Pitch(mm)	0.93	1.25	1.56	1.875	0.93
Resolution	2K (1920X1080P)				
Refresh rate (Hz)	2880Hz	3840Hz	3840Hz	3840Hz	2880Hz
Best Viewing distance (M)	1	1.2	1.5	1.8	1
Brightness(nits)	500-800nits				
Max/Ave (W/m²)	300/100 (W/m²)				
IP grade	IP65 front /IP54 Rear				
Contrast ratio	Contrast ratio: 10000:1				
Grayscale (bit)	16bit				
Frame frequenc (Hz)	50/60Hz				
Viewing angle (Deg)	Horizontal≥170° ,Vertical≥170°				
Install/Maintenance way	Maintenance way: front maintenance; Install way: front or rear install				
Work environment	Temperature -20℃~+80℃, Humidity 10%RH~95%RH				
Lifespan/MTBF (H)	Lifespan≥100000H,MTBF ≥80000H				

iMPLED®
Make LED Display Simple

Application

Video Meeting、 Presentation、 PublicInformation、 Command Center、 Studio、 Security Monitor.meeting room, lecture hall, auditorium, showroom and other large event spaces

Video Meeting

lecture hall

Meeting Room

Command Center

Presentation

Auditorium