

# Absenicon C Ultrawide Screen

154"/181"/ 208"

**Absen Optoelectronic Co.,Ltd**

18-20F Building 3A, Cloud Park, Bantian Huawei Base,  
Longgang District Shenzhen, 518129, P.R.China  
T: +86-755-89747399 E: absen@absen.com  
F: +86-755-89747599 W: www.absen.com

**Absen Inc.**

7120 Lake Ellenor Drive, Orlando,  
Florida 32809, USA  
T: +1-407-203-8870 E: info@usabsen.com  
F: +1-407-203-8873 W: www.usabsen.com

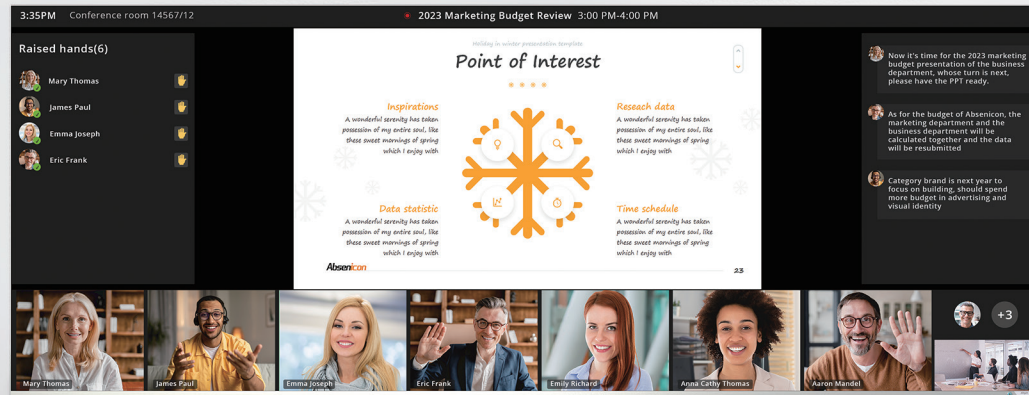
**Absen GmbH**

Hessenring 4c, 64546 Moerfelden-Walldorf (Frankfurt am Main),  
Germany  
T: +49 (0) 6105 718941-0 E: europe@absen.com  
F: +49 (0) 6105 718941-29 W: www.absen-europe.com

# Absenicon C

## The Ultrawide All-in-One LED Screen

Absenicon C Ultrawide Screen brings a more natural and productive hybrid meeting experience. Available in 154", 181" and 208" screen sizes, these all-in-one displays offer a 100% seamless canvas applicable to 21:9 display solution. Ideal for boardrooms, meetings rooms as well as being perfect for use with video collaboration platforms such as Microsoft Teams® and zoom



**Ultrawide screen**  
Applicable to 21:9 content



**154" /181" /208"**  
33% more visible area



**All-in-One**  
Include all necessary elements



**Easy to operate**  
Remote control, wireless  
screen mirroring



**Intelligent OS**  
Android 8.0



**Easy installation/maintenance**  
Modular design



# The Ultra Wide View

Bigger is Better, the ultrawide screen provides 33% more screen area than 16:9 displays for more windows, group tasks and presentations. It is ideally suitable for Microsoft Teams® with its front row layout, showing the life-sized remote attendees at eye level with people inside the meeting room for a more natural interaction.



154"/181"/ 208"  
bigger screen size



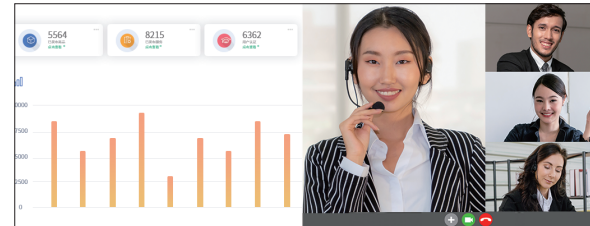
+33%  
increase visible area



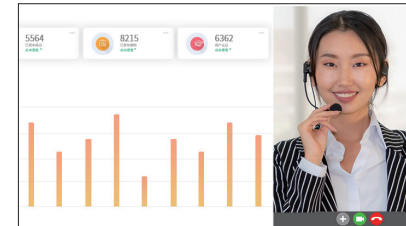
# Comparison of Visible Area

The ultra widescreen displays more content, providing users with a complete picture display. It is especially suitable for rendering 21:9 images, such as video conferencing software at 21:9 aspect ratio and CinemaScope at 2.35:1

## video conferencing

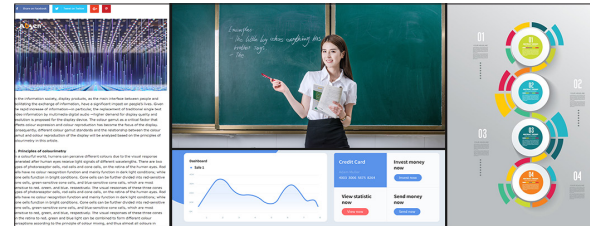


ultrawide screen visible area

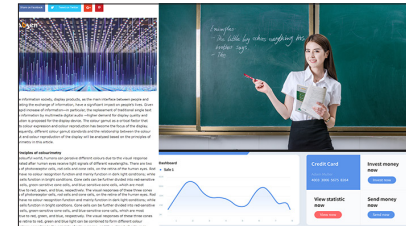


16:9 visible area

## online education



ultrawide screen visible area



16:9 visible area

## cinema



ultrawide screen visible area



16:9 visible area



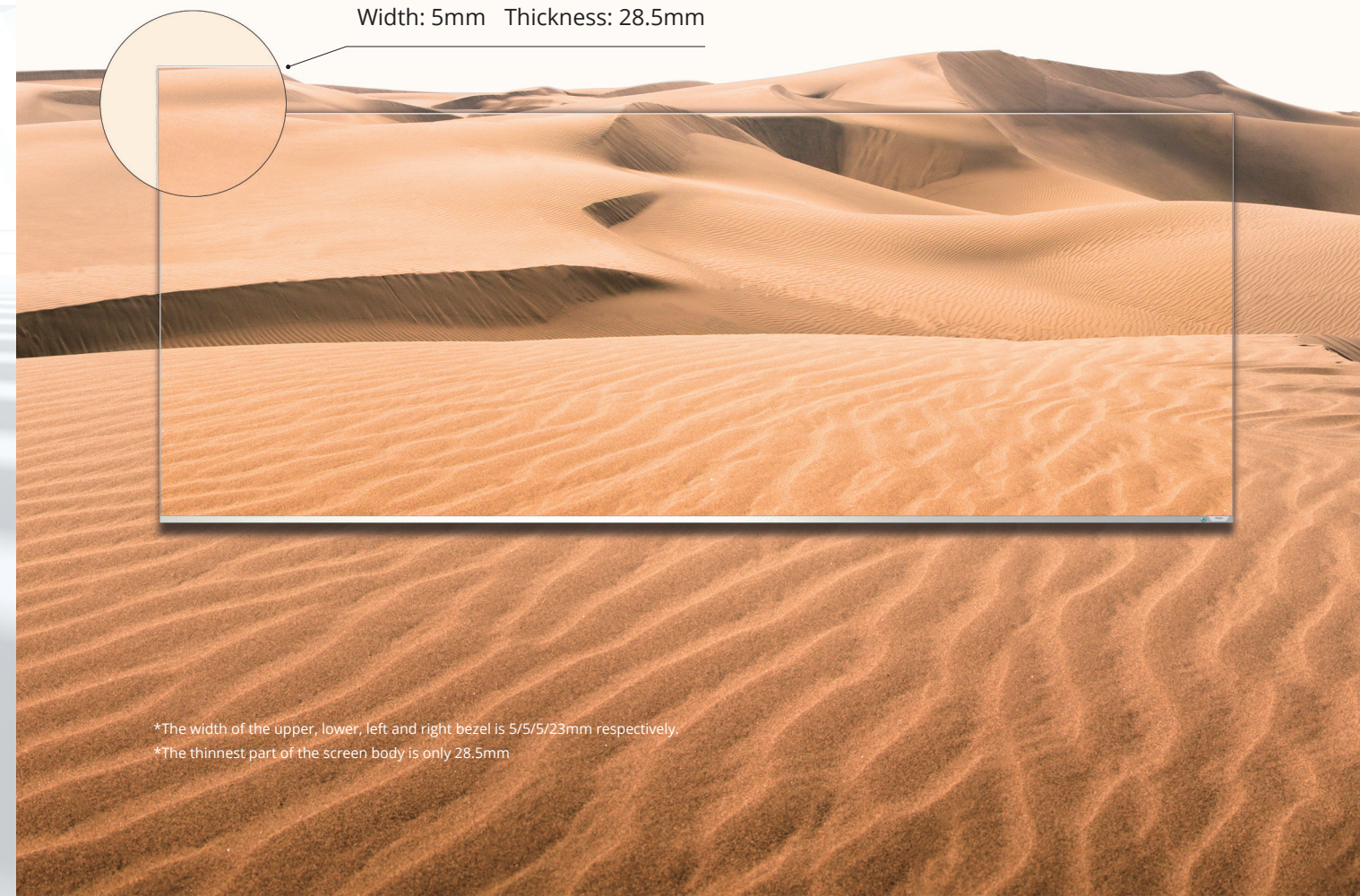
## All-in-One Modular Design

Far more than just a screen, the ultrawide screen is highly integrated, including modules, cabinets, controller, wall mounts, cables and all necessary display elements needed for the installation.



## Immersive View

Absenicon Series LED offers a 100% Seamless Design with no unsightly bezels or mullions to obscure content. The integration of 5mm ultra-narrow bezel and LED screen, and ultra-high 98% screen-to-body ratio provide viewers with a more immersive experience.



\*The width of the upper, lower, left and right bezel is 5/5/5/23mm respectively.

\*The thinnest part of the screen body is only 28.5mm



## See Content Like Never Before

The ultrawide screen offers unrivalled colour and contrast which enables users to more accurately match corporate logos, brand identities and colour schemes. The 600nits to ensure content is visible in all conditions, no need to dim the house lights.



600nits  
high brightness



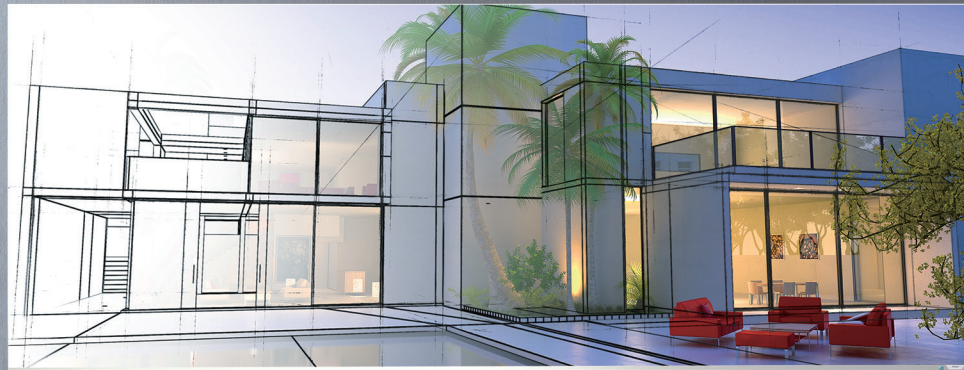
28.1  
billion colors



110%  
NTSC color gamut



14bit  
smooth grayscale gradations

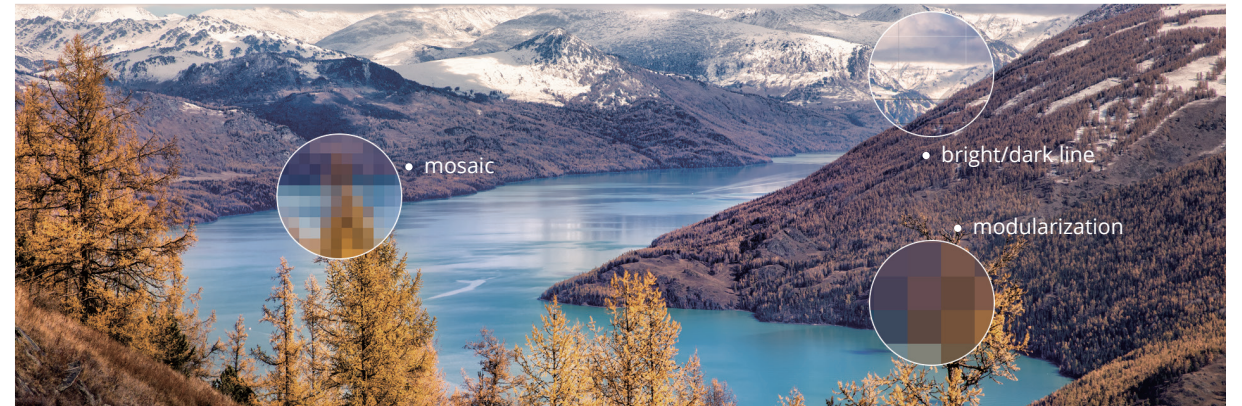


## Full Screen Calibration

The excellent picture consistency brings a better viewing experience. The whole screen is calibrated before leaving the factory, screen brightness and chromatically are uniform and consistent



Calibrated screen

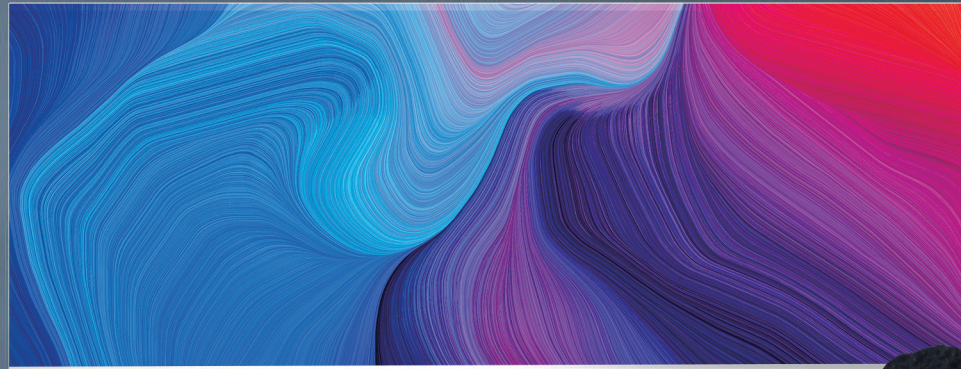


Uncalibrated screen



## Eye Protection

The widescreen ratio is in line with the physiological structure of human eyes, and has been certified with low blue light to avoid eye fatigue when viewed for long periods of time.



### Low blue light

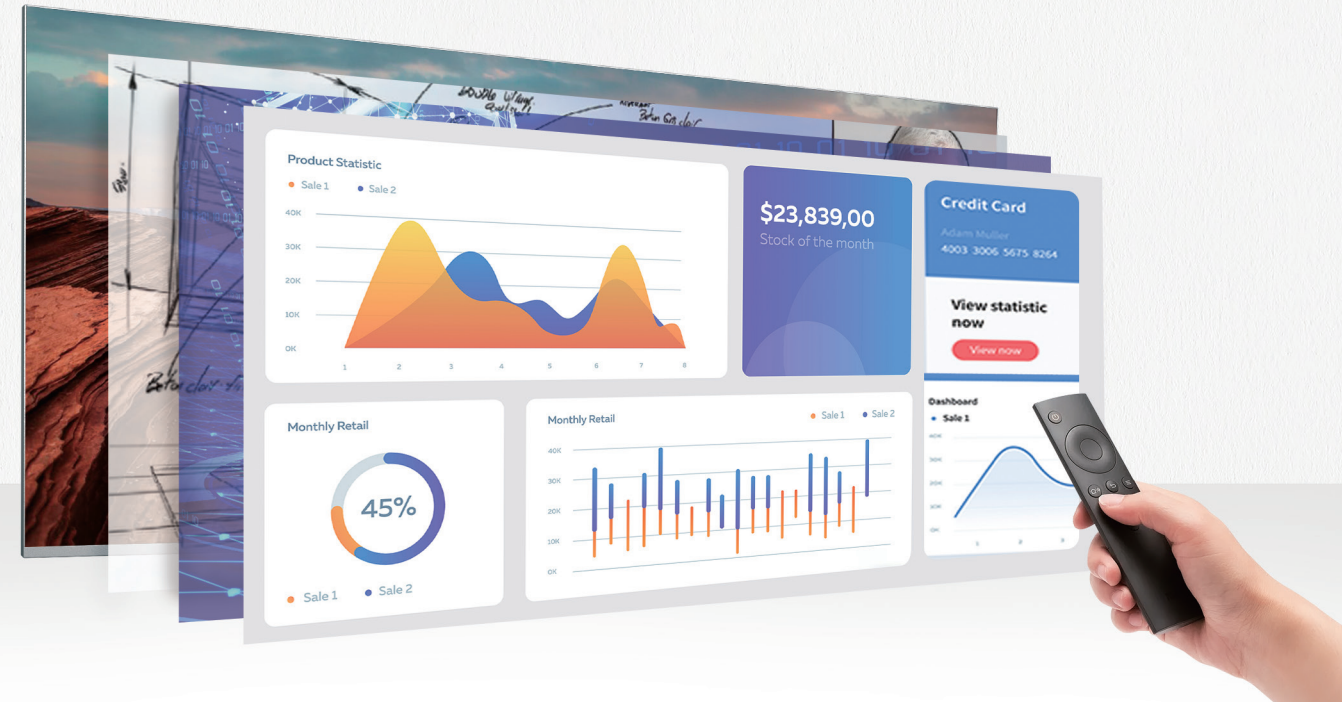
- Low blue light certification
- Protecting eyes from high energy short-wave blue light

### Ergonomic

- The range of the human eye is between 200 degrees horizontally and 130 degrees vertically, the ultrawide aspect ratio is close to the aspect ratio of the field of vision

## Remote Control for Easy Operation

The remote-control and user-friendly interface allow users to operate the display as if it were a TV or Monitor at home. Various functions such as power on-off, parameter adjustment, page up and down, etc. can be realized.



### Compatible with AV Control System

Ethernet control protocols are provided for control systems such as Crestron and Extron making for easy integration which saves the system integrator both time and money.





## Easy and Reliable Content Sharing

Mobile phones, tablets, PCS and other devices for quick screen sharing, supporting Windows, Mac, iOS, and Android systems. Multi-view modes(full screen, 2 or 4-split screen) to meet the needs of multiple scenarios



full screen



2-split screen



4-split screen



## Intelligent System for Better Compatibility

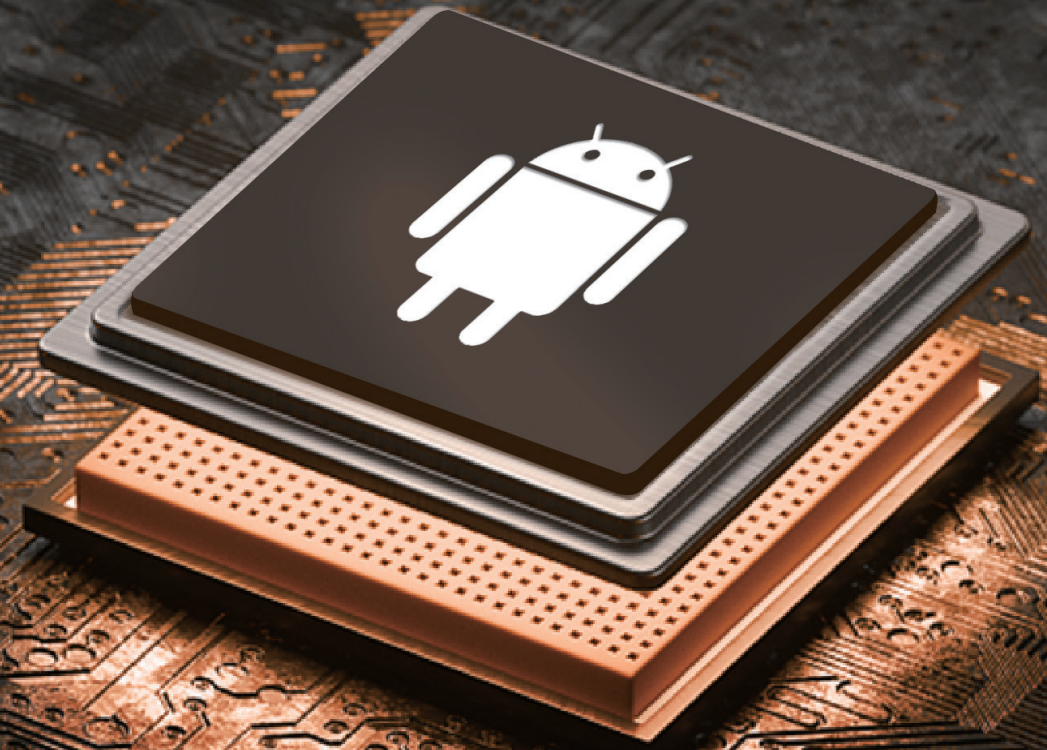
Coming standard with an Android 8.0 Oreo operating system, Stronger software compatibility is at your service at any time with a single click. Smooth internet connection with 2.4GHz/5GHz dual-band WiFi; screen mirroring and internet surfing are available at the same time



Android 8.0




Dual-band WiFi







## Easy Installation


The modular design of these all-in-one display makes transportation to and access around site much easier. The finished Absenicon C ultrawide display can be easily built and installed within ½ day.


 installation within 1/2 day

 modular design

 wall mounting

 front-installation

 protective corner design

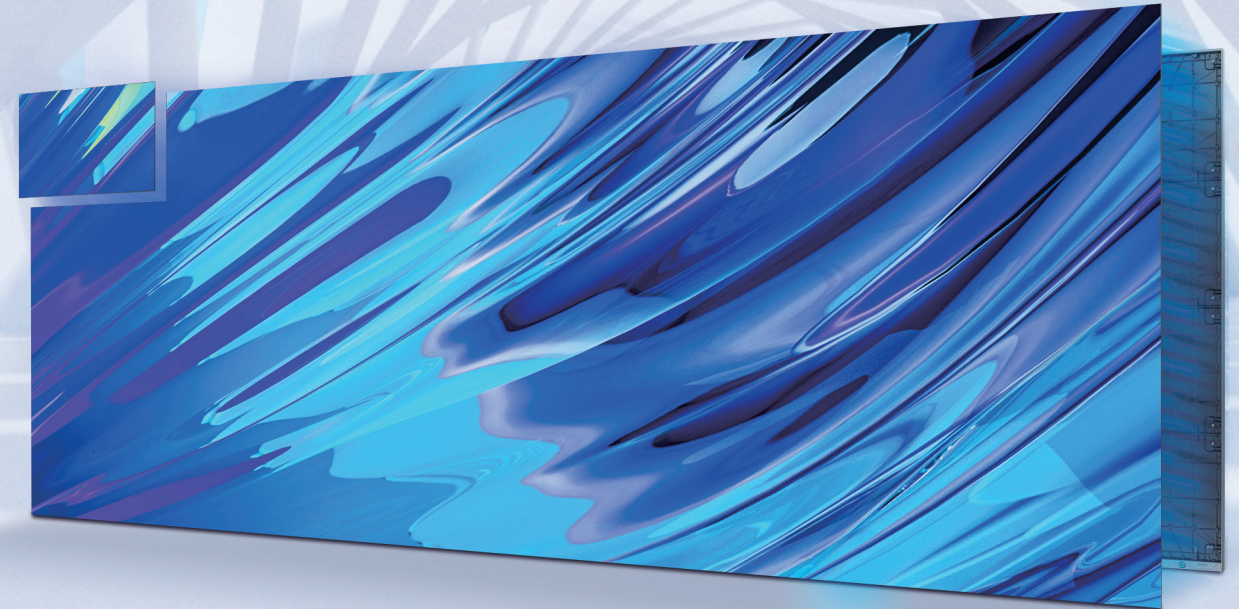
 includes all necessary installation structures



The illustrations are for reference only. The LED module and the cabinets structure are packaged separately

## Quick Maintenance

In case of the LED module or internal component fails, it can be maintained from the front. The LED module can be removed easily with a dedicated magnetic tool and quickly replaced without wiring.





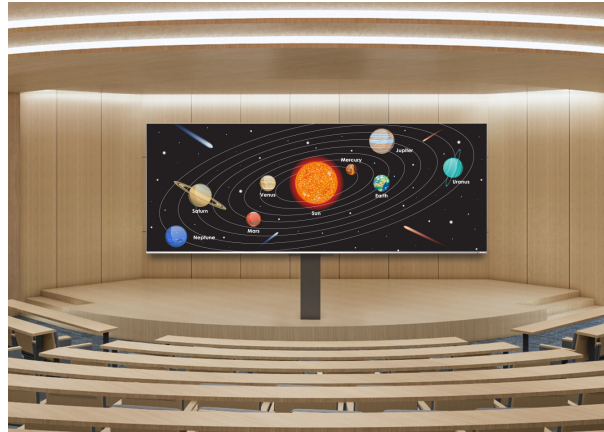
## For All Display Applications



Video conference



Online education



Lecture hall



Exhibition Hall

## Product Parameters

Model	C154	C181	C208
Screen Dimensions (W x H )(mm)	3660x1372	4270x1715	4880x2058
Pixel Pitch(mm)	1.27	1.58	1.9
Screen Dimensions Including Bezel (W x H x D)(mm)	3670x1400x28.5	4280x1743x28.5	4890x2086x28.5
Screen Resolution (dots)	2880*1080	2688*1080	2560*1080
Aspect Ratio	24:9	22:9	21:9
Brightness (nit)	600	600	600
Refresh Rate (Hz)	3840	3840	3840
Contrast Ratio	4000:1	5000:1	4000:1
Viewing Angle (Horizontal/Vertical) (°)	160/140	160/140	160/140
AC Power Supply (V)	100~240	100~240	100~240
Average Power Consumption (W)	875	934	1067
Max Power Consumption (W)	2625	2800	3200
Android System	Android 8.0	Android 8.0	Android 8.0
Storage	4GB+16GB	4GB+16GB	4GB+16GB
Control Interface	MiniUSB*1, RJ45*1		
Input/output Interface	HDMI2.0 IN*3, USB2.0*1, USB3.0*1, Audio OUT*1, SPDIF OUT*1, RJ45*1		

★ Shenzhen Absen Optoelectronic Co., Ltd. reserves the right to modify product design, specifications, and parameters without further notice. Photos are used for illustration purpose only as products may differ from these photos. All rights reserved by Shenzhen Absen Optoelectronic Co., Ltd.



## Professional service, best experience

Absen has built up a global network, able to provide prompt and professional local services.

### Absen service ability



#### Comprehensive support

Enjoy 2-year warranty, 1 to 3 years extended warranty, lifetime maintenance, and enjoy 10+ items of professional service solutions to help you solve problems



#### Global coverage

400+ Absen certified partners, 2800+ Absen certified engineers, covering most of the global market, the global service network is continuing to expand vigorously



#### Multiple service channels

Providing service via multiple channels such as Hot line, WeChat, WhatsApp, E-mail and official website to quickly take care of service requirements



#### 24 / 7 response

24/7/365 available, quick response in 10 seconds



#### One-stop service

Enjoy exclusive and professional service in the whole process of pre-sales, sales and after-sales

### Absen service philosophy

#### Initiative

Proactive care and return visits, regular touring inspection services for customers

#### Efficiency

All service channels respond within 10 seconds, intelligently match the best local service resources, and enjoy a fast service experience

#### Standardization

Comprehensive service engineer training system, ACE professional training and certification, ACP professional certification; establishing customer's product files and record the entire service process

#### Thoughtfulness

Longer warranty, worry-free quality



#### Service channels

Hot line: +86 400-700-3278  
WeChat: 13923413428  
WhatsApp: 008613923413428  
E-mail: service@absen.com  
Official website: www.absen.com



#### Service time(GMT+8)

8:30~24:00:  
Staff service

00:00~8:30:  
Intelligent system service