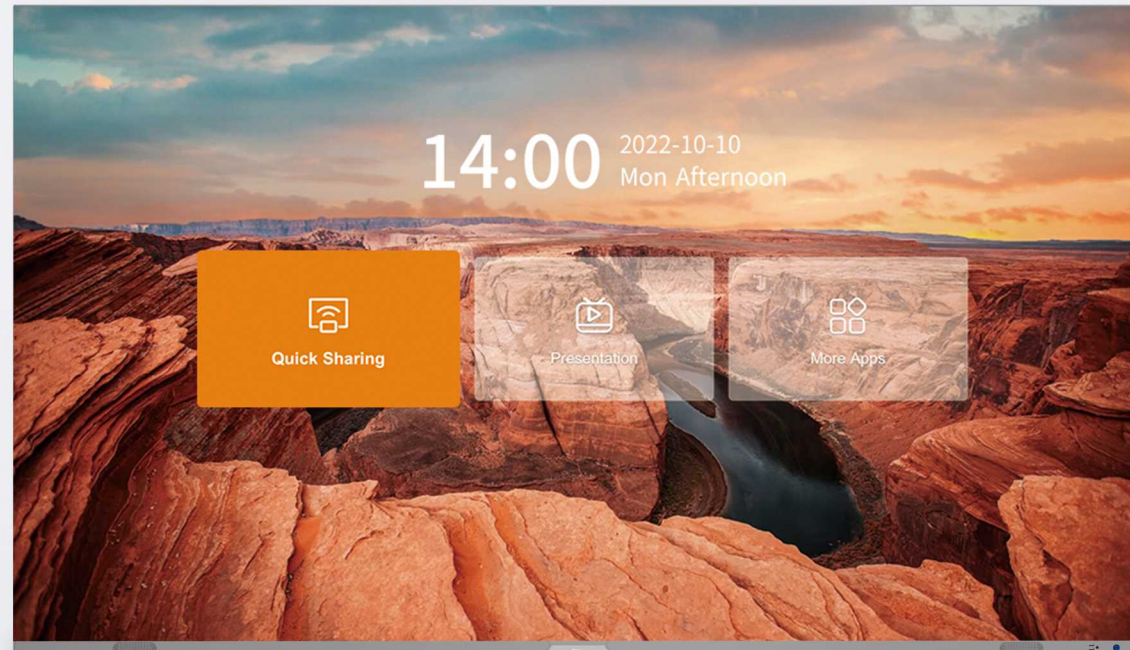


Delete this page before use

Material	《Absenicon X Series Product Introduction》		
Usage	For external use		
The 1st Version Released Time	21st, Mar., 2023	Version	V1.4
Department	iCon product line		
Author	Belinda Yan		
Verify	Meng Xu、Andy Cui		
Modify Record	Time	Page+ Content	Correctors
V1.1	2023.7.11	TR5 Paramter modification	Belinda Yan
V1.2	2023.09.06	Paramter modification	Belinda Yan
V1.3	2023.9.12	Modify extended warranty	Belinda Yan
V1.4	2023.10.21	Modify the power cconsumption, control distance,low power consumption mode parameter	Belinda Yan

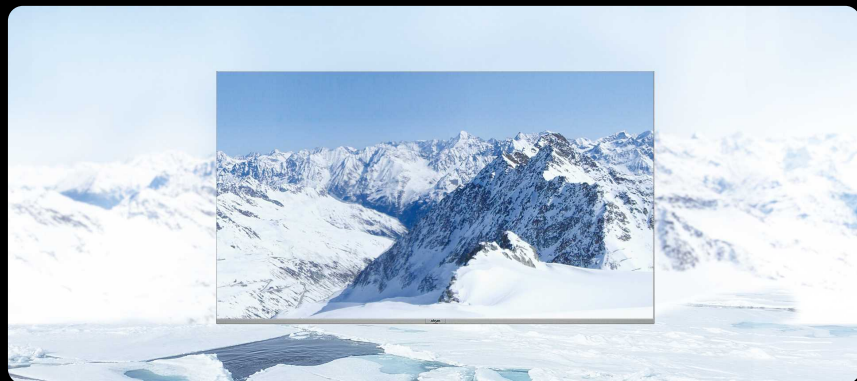
Absenicon



Absenicon X Series

The Future Meets Excellence

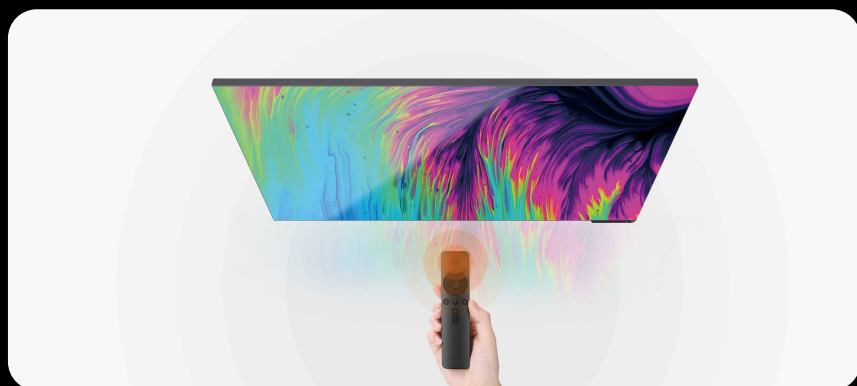
Redefine Display Standards



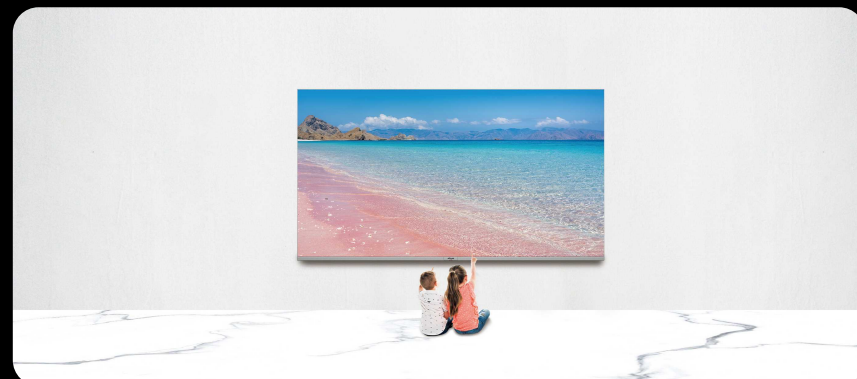
Large Format
108"/ 136"/ 163" sizes
Immersive view



Improved Clarity
Micro LED technology
Redefine image quality



Easy-to-use
Intelligent functions and systems
Easy to install and maintenance



Comfortable
Stay cool, enjoy more
Softer and uniform light

Rediscover the World Through Absenicon X

Choose from expansive 108" , 136" , and 163" screens that boast of breakthrough Micro LED technology and optional interactive touch capabilities. Tailor-made for professional spaces such as boardrooms, meeting rooms, and showrooms,

108"/136"/ 163"

big screen sizes

600nits

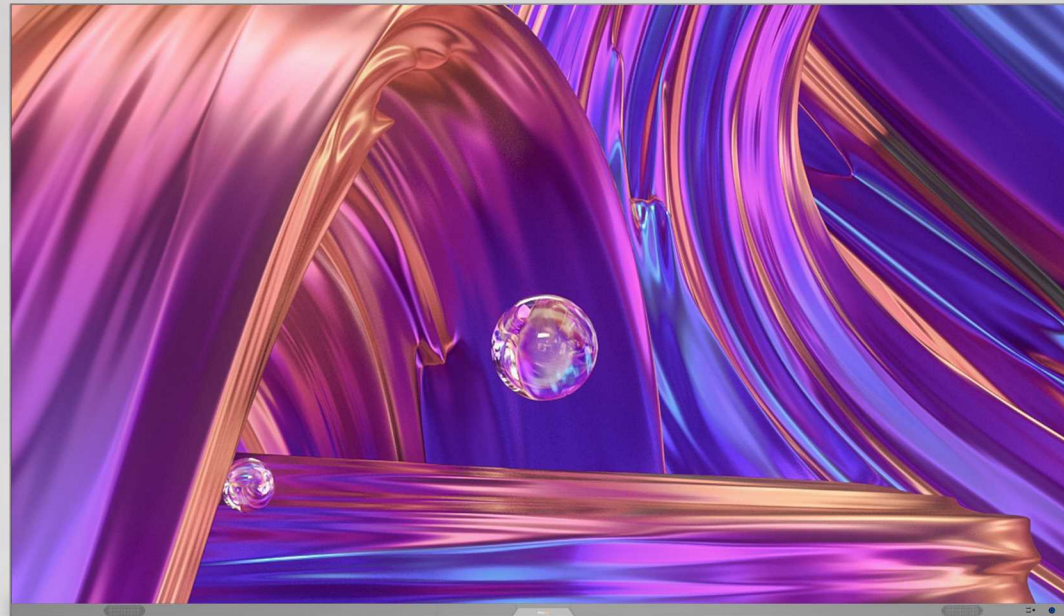
clear imagery under sunlight

160°

ultra-wide viewing angle

Micro LED Technology

approved next-generation technology

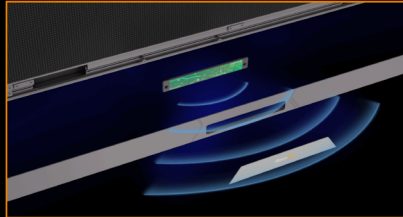


All-in-one Design with Delicate Details

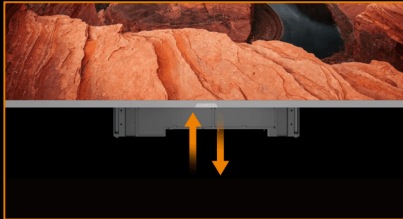
Absenicon

The Absenicon X Series comes as a complete kit ready to install, including controller, audio, PSU and all necessary display elements needed for the installation. There' s no need for complex wiring and debugging, it' s easy to install and use. The design of lift type control box satisfies the 97% above high screen ratio and the convenience of installation and maintenance.

Signal antenna
preposition



Lift type control box



2*15w
Built-in speakers



Unrivaled Visual Experience

Absenicon

Integrating multiple Absen image optimization technologies, the Absenicon X Series enhances the clarity and visibility to bring out natural details and vivid colors for realistic and incredible images.



15000:1
high contrast ratio



90% BT2020
cinematic color gamut



$\Delta E \leq 0.9$
color precision



Full-screen calibration
perfect image consistency



综合画质有很大提升

画质效果


The Purest Deep Black

The surface is covered with a black coating of polymer material, which brings amazing black consistency, bringing a deep and pure black, which improves the visual performance to an unprecedented level

 intense black immersion

 exceptional black consistency

 high flatness

 no glare and reflection

A Non-Reflective Screen

Black Coating Technology

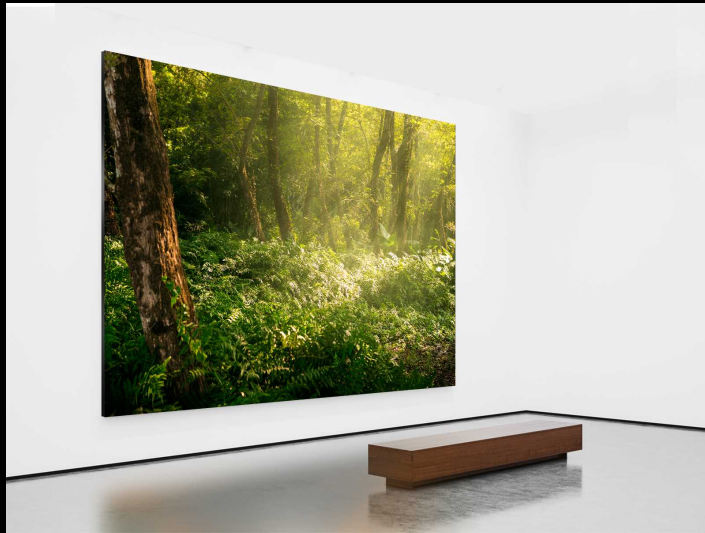
Micro LED Technology



avoid reflection and modularization

Creating a Comfortable Experience

Absenicon



Eye-caring

The non-glare surface light source brings softer and uniform light, relieving the eye fatigue experience when watching the screen for a long time



Stay cool, enjoy more

Thanks to the Micro LED technology and Absen's HBB common cathode technology, the screen can always stay cool, diving into the fantastic visual world without breaking a sweat



Mute operation

Operating noise is reduced to 25dB to ensure a comfortable experience

Step Into the Future Where Accuracy Meets Interactivity

Equipped with a high-precision infrared touch system, the X Series revolutionizes interactivity and elevating user engagement

±1mm

Touch accuracy

10 point

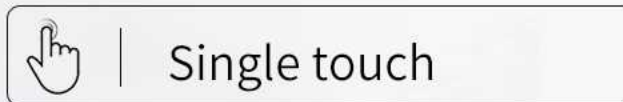
Multi-touch



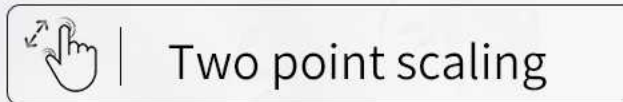
Smart gestures



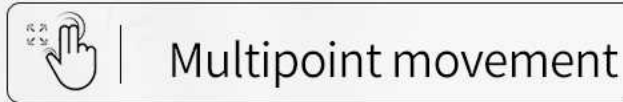
Scan to share



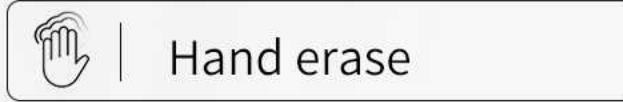
Single touch



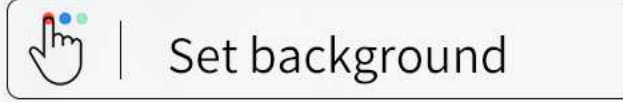
Two point scaling



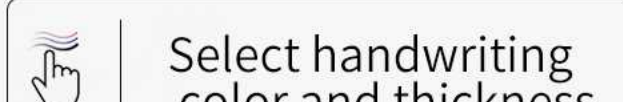
Multipoint movement



Hand erase



Set background



Select handwriting color and thickness

*The infrared touch system is an optional solution.

Remote Control for Easy Operation

Remote control for on/off switches, brightness adjustment, content switching, settings, etc. An infrared & Bluetooth remote control that covers a transmission distance of 10m



Compatible with AV Control Systems

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 with onsite programming.

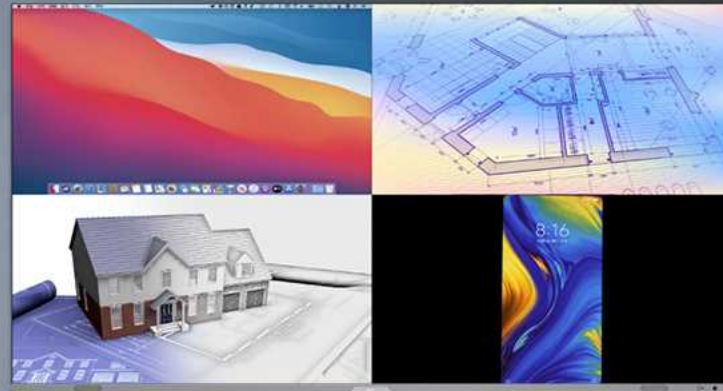


Intelligent Wireless Screen-mirroring

Wireless screen mirroring from phones, computers and other devices
Use Transcreen to cast up to four images from participants' devices for team review and collaboration

NO need for
additional tools

Perfect for those quick
collaboration meetings



4-section
screen splitting

Free annotation
on all pages



Intelligent System with Upgraded Performance

The Absenicon X Series comes with a standard Android 11.0 operating system.

A Windows operating system is available through an additional OPS computer. An Ultra-large memory and a powerful 4-core processor are included for a smooth and fast performance for wireless screen mirroring from phones, computers, and other devices.

11.0

Android

10

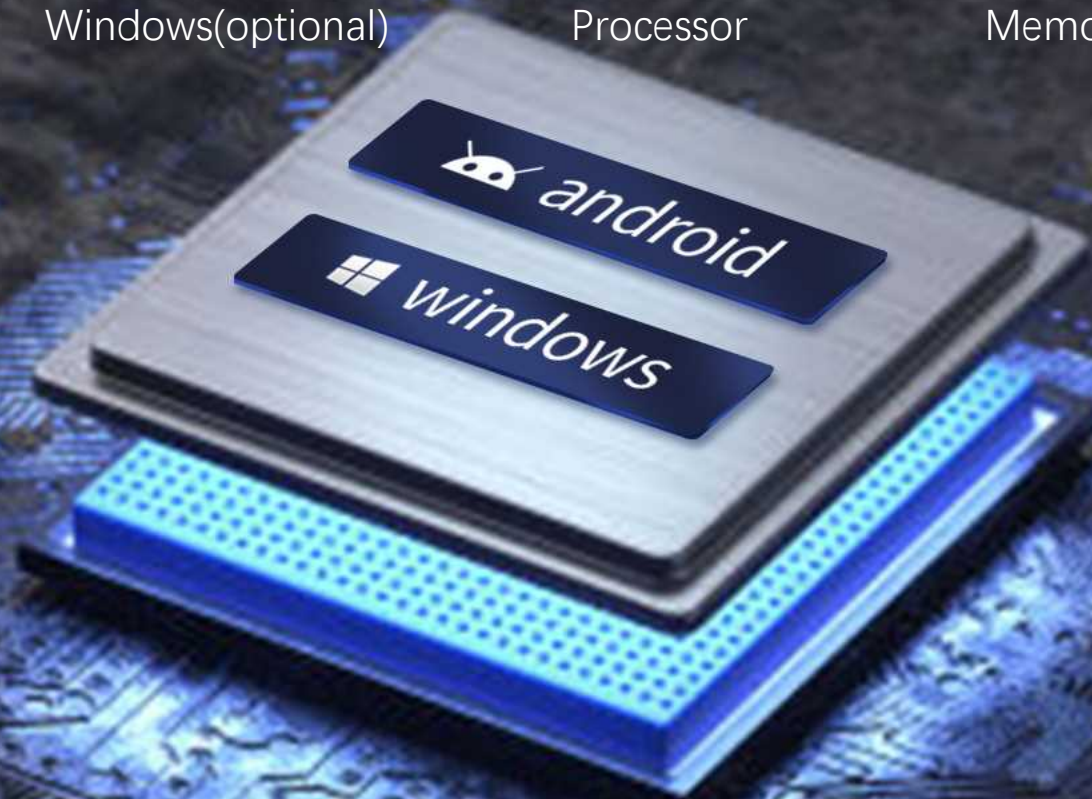
Windows(optional)

4-core

Processor

4GB+32GB

Memory + Storage



* Supporting for Windows system is optional.

Strong Against External Impact

Absenicon

The panel-type encapsulation technology effectively protects the display from external impact



Water-resistant



Dust-resistant



Anti-collision



Anti-blue light



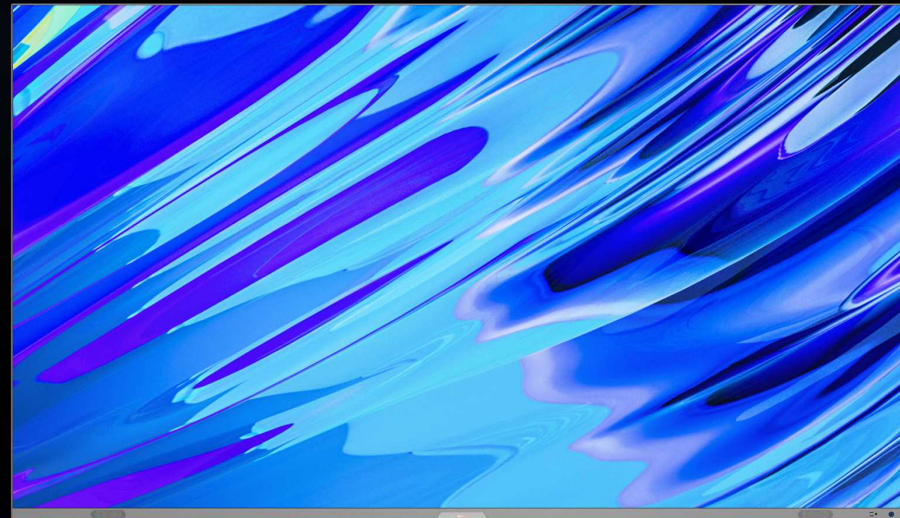
Anti-static



Anti-touch marks



Anti-oxidation

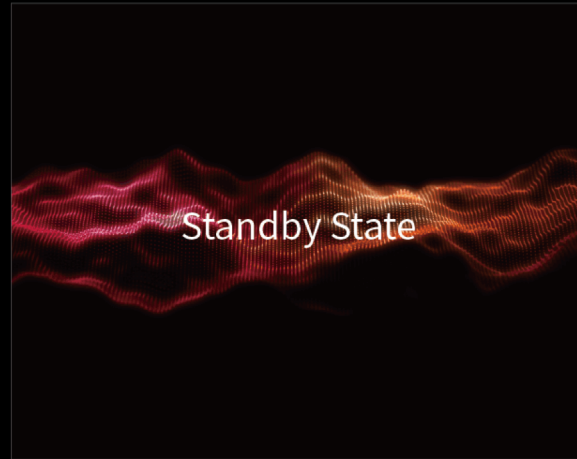


Delicate Design, Less Consumption

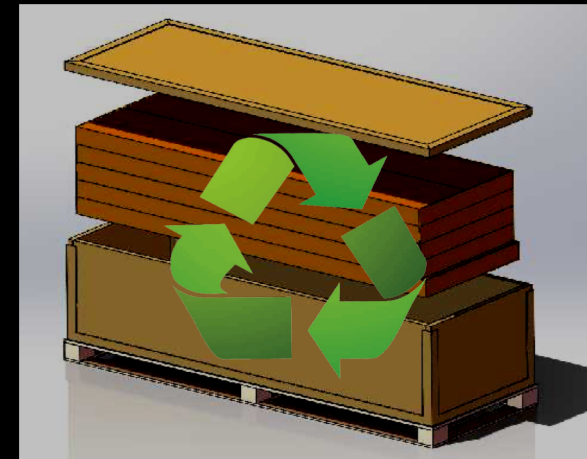
40% energy saving is achieved by a combination of technological innovations, and adopted recyclable carton packaging design, practicing the “Absen Green” concept



Dynamic Energy Management
dynamically adjust the output current



Black Screen Technology
Low-power mode saving $\geq 80\%$

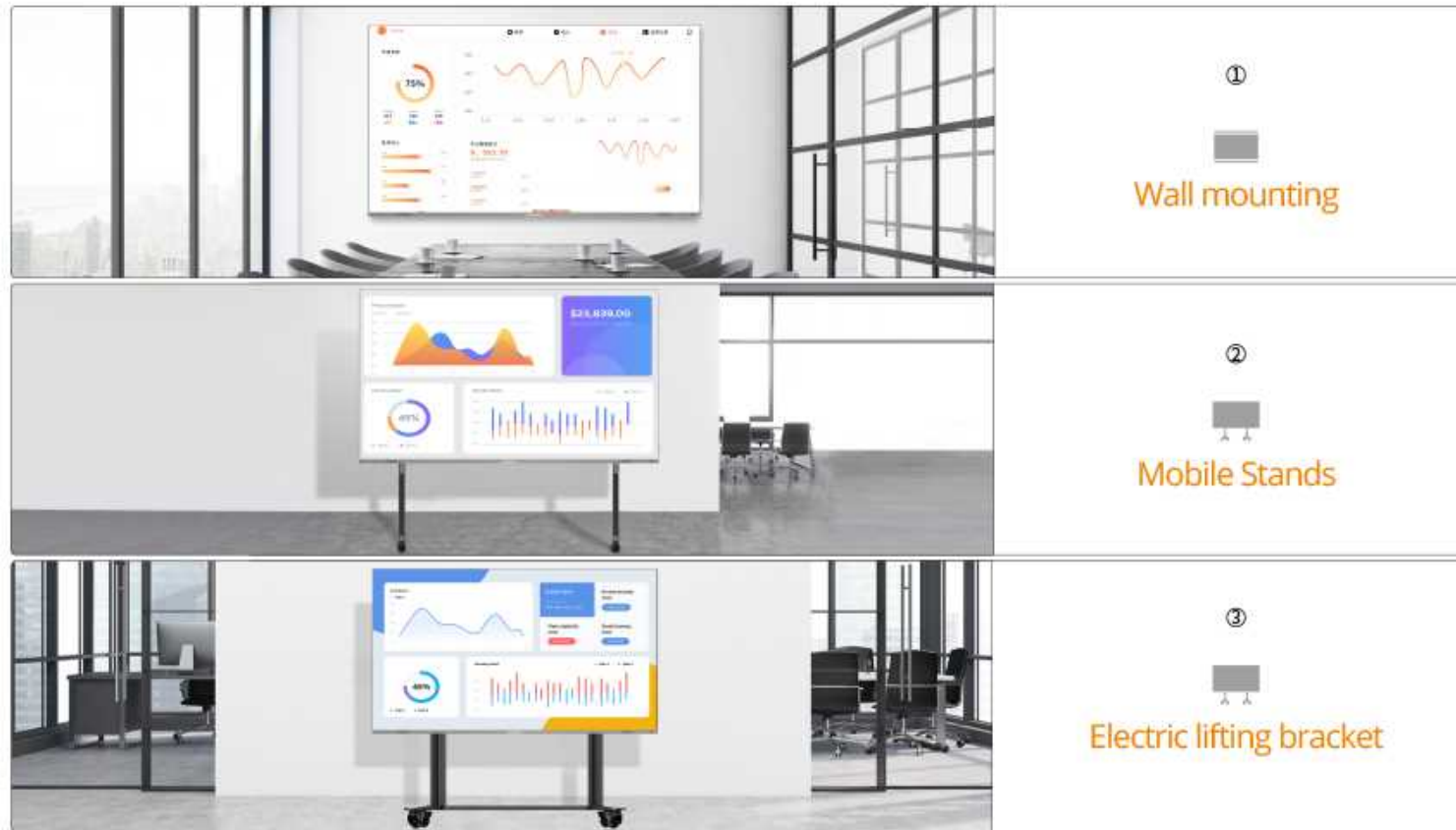


Eco-friendly Packaging
recyclable carton design



Modular Design, Flexible Installation

The modular design enables it to be easily transported to offices and in elevators. The Absenicon X Series can be mounted on a wall or on a mobile stand, or on the innovative electric lifting bracket for height adjustment. The endless installation possibilities fit your needs in any environment.



*X163 does not support mobile stand installation

Parameter

	X108	X136	X163
LED Type	Micro LED	Micro LED	Micro LED
Diagonal Size	108"	136"	163"
Screen Dimensions (W x H)(mm)	2400*1350	3000*1687.5	3600*2025
Screen Resolution (dots)	1920*1080	1920*1080	1920*1080
Screen Dimensions Including Bezel (W x H x D)(mm)	2410*1395*39.3 (non-touch) 2440*1425*39.3 (touch)	3010*1732.5*39.3 (non-touch) 3040*1762.5*39.3 (touch)	3610*2070*39.3 (non-touch) 3640*2100*39.3 (touch)
Brightness (nit)	600	600	600
Contrast Ratio	15000:1	15000:1	15000:1
Grayscale (bit)	14	13	13
Refresh Rate (Hz)	3840	3840	3840
Viewing Angle (Horizontal/Vertical) (°)	160/160	160/160	160/160
Avg/Max. Power Consumption (W)	376/1128	543/1628	671/2005
Touch Option	±1mm touch accuracy, 10 simultaneous touch points		
Android System	Android 11.0		
Core processor	Main frequency 1.8G 64-bit quad-core processor		
Storage	4GB+32GB		
Processor Core	RJ45*1, RS232		
Input/output Interface	HDMI1.3 IN*1, HDMI1.3 OUT*1, USB2.0*4, Audio OUT*1, SPDIF OUT*1		
Windows System	Optional		
IP Rating(Front/Rear)	IP40/IP21		

Professional Service, Best Experience

Absen has established a worldwide network, enabling the delivery of timely and expert local services.



Comprehensive Support

Experience a 2-year warranty, an optional extended 1-year warranty, lifetime maintenance, and access to 10+ professional service solutions designed to help you solve any challenges.



Global Coverage

Benefit from a network of 500+ Absen Certified Partners and 3,000+ Engineers, with a global reach covering most markets. Our service network is continuously expanding.



Multiple Service Channels

Providing service via multiple channels such as Hotline, WeChat, WhatsApp, E-mail, and official website to quickly take care of your service needs



24/7 Response

We are available 24/7/365 with a quick response time in as little as 10 seconds.



One-stop Service

Experience exclusive and expert support throughout the entire sales process, from pre-sales to post-sales.

Service channels

Hot Line: +86 400-700-3278
WeChat: 13923413428
WhatsApp: 008613923413428
Email: 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

Absen Service Philosophy

Initiative. Efficiency. Standardization. Thoughtfulness.

Initiative

Offering proactive care, follow-up visits, and regular inspection services for our valued customers.

Efficiency

All service channels guarantee a 10-second response time, utilizing intelligent algorithms to connect you with the most suitable local service resources, ensuring a swift and efficient service experience.

Standardization

A robust service engineer training system, including ACE professional training and certification, along with ACP professional certification. Additionally, we create and maintain comprehensive product files for our customers, meticulously recording the entire service process

Thoughtfulness

Extended warranty for peace of mind and uncompromising quality assurance.

Thank You



Twitter: @LEDAbsen

Facebook: @LEDAbsen

LinkedIn: Absen

Instagram: absenled