

Parameter

Model	E116	E130	E158
Diagonal size (inch)	116"	130"	158"
Screen size (H x V) (mm)	2560*1440	2880*1620	3520*1980
Product size (H×V x D) (mm)	2565*1479*50	2885*1659*50	3525*2019*50
Resolution(H x V) (dots)	2048*1152	1872*1053	1892*1056
Standard brightness (nits)	500	500	500
View angle(H x V) (°)	140/120	160/140	160/140
Contrast ratio	4000:1	4000:1	4000:1
Grayscale	14bit	14bit	14bit
Avg. /max.power (W)	578/1732	595/1783	756/2267
Refresh rate (Hz)	≥3840	≥3840	≥3840
operating system	Android 8.0、Windows 10 (optional)		
CPU	Basic frequency 1.7G 64 bit quad core processor		
GPU	Mail T820		
System capacity	DDR4-4GB+16GB eMMC5.1		
Control interface	MiniUSB*1, RJ45*1		
Input/output interface	HDMI2.0 IN*3, USB2.0*1, USB3.0*3, Audio OUT*1, SPDIF OUT*1, RJ45*1		

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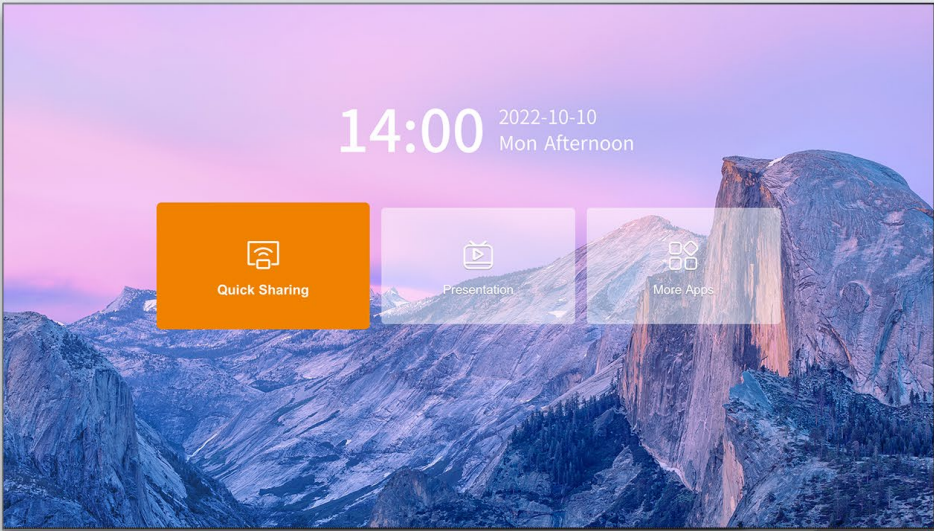
Absen
Trusted LED Supplier

Absenicon E Series
Elegant Reliable Affordable

E116 · E130 · E158

Absenicon E Series

Absenicon E series is an revolutionary all-in-one LED screen, which brings the ultimate efficiency, collaboration, immersion, and intelligent functions to business meetings, smart classrooms, and other scenarios.



Large size
116"/130"/158"



All-In-One design
99% screen-to-body ratio



Excellent image quality
Cutting-edge technologies



Intelligent interaction
Remote control, screen mirroring



Extensive ecosystem
Conference/education ecology



Quick disassembly
Fast installation, ultra-high flatness

Large Size Screen with Astounding Detail

Available in 116", 130", and 158" sizes, Absenicon help to better facilitate presentations, brainstorming, and decision making



E116

Diagonal size:116"
Display size: 2560*1440 mm
Recommended size:20~40m²
Recommended capacity:20~40

E130

Diagonal size:130"
Display size:2880*1620 mm
Recommended size:40~60m²
Recommended capacity:30~50

E158

Diagonal size:158"
Display size:3520*1980 mm
Recommended size:60~100m²
Recommended capacity:50~100

Integrated Design with Elegant Simplicity

Following a "less, but better" philosophy, the all-in-one design features integrated, streamlined structure and a simple, elegant appearance. The seamless integration of 2.5mm ultra-narrow bezel and LED screen, and ultra-high 99% screen-to-body ratio provide viewers with a more immersive experience

- 
built-in control system
- 
invisible cable design
- 
modular panels
- 
front design of signal antenna



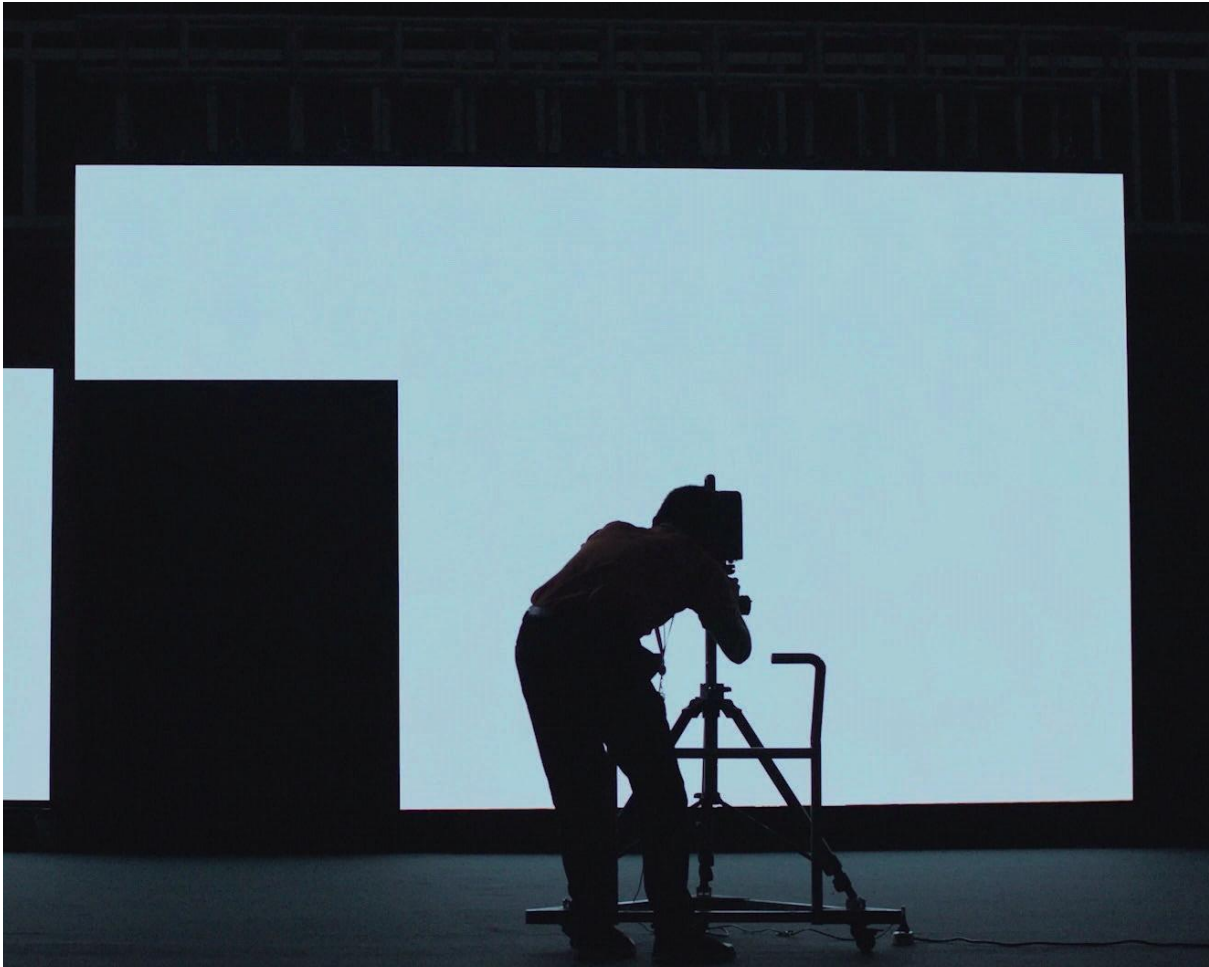
Ultra Wide Viewing Angle

160° viewing angle makes it possible that everyone in the conference room can see the tiniest details of the screen from every corner of the conference room



Whole Screen Calibration

Absenicon E series carries out whole screen calibration before delivery, effectively improving the uniformity of LED screen color and brightness, ensuring the consistency of display images, and creating an excellent viewing experience.



Color Management Technology

Intelligent calibration for accurate colors through optimal gamut mapping enables the display to amazingly recreate the grandeur of nature



1.07
billion colors



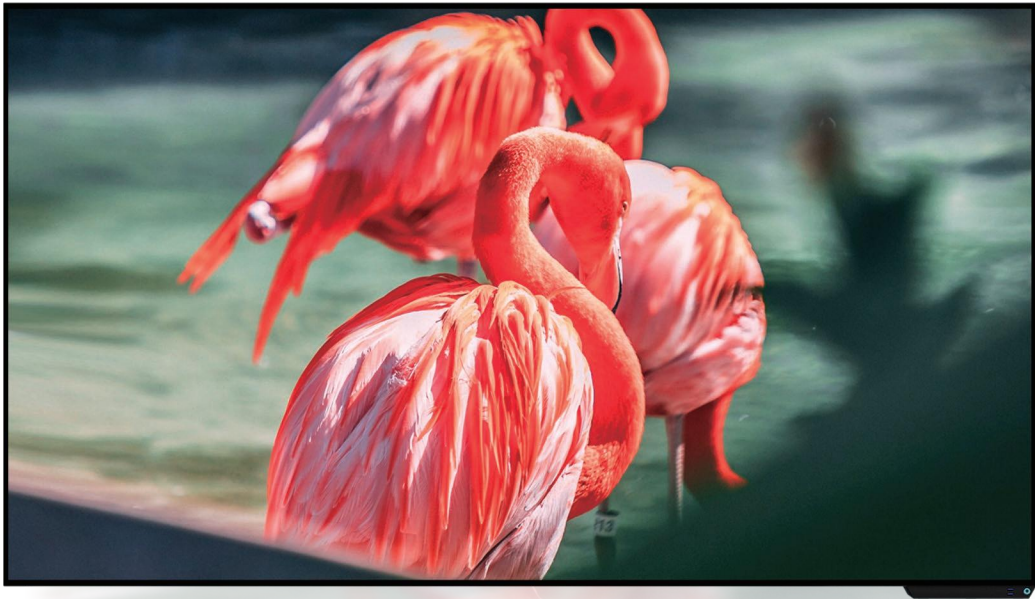
110%
NTSC color gamut



14bit
smooth grayscale gradations



$\Delta E \leq 0.9$
Better color accuracy



Greyscale Performance Enhancement

Quadrupled grayscale performance with smooth gradations, enabling a fine rendering of details in the darkest parts, even under low screen brightness settings

High grayscale
details visible in dark parts

Low grayscale
details lost in dark parts



HFR+ Mode for Capturing the Best Moments

The HFR+ mode (120Hz high frame rate) provides smooth high-speed video playback to capture every moment of brilliance



Applicable to E130 and E158 series; HFR is short for High Frame Rate

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 20m



on/off switches



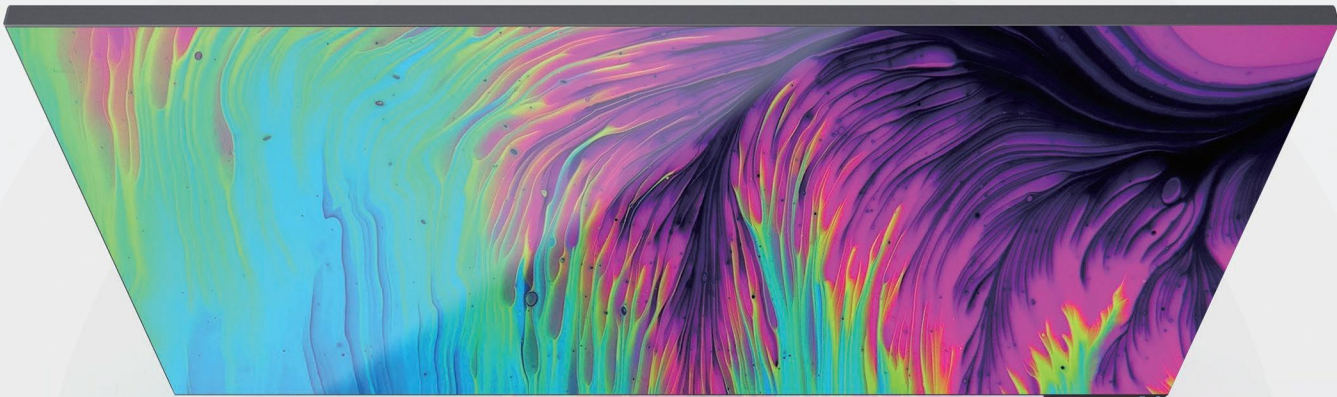
content switching



brightness adjustment



settings



Wireless Screen Mirroring

Versatile features such as file transfer and screen switching; handy screen mirroring from computers, phones, and tablets.
Phones or tablets serve as writing pads for instant editing and one-click screenshots. 4-section screen splitting for more intensive creative display options



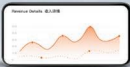
Android & iOS



Windows & OS



Screen mirroring tool



Intelligent System for Better Compatibility

Coming standard with an Android 8.0 Oreo operating system, Windows system is available through an optional OPS computer. 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



Windows 10(optional)



Dual-band WiFi



Adequate Interface Design

Support a wide range of system applications, support access to multiple signal sources

HDMI2.0 IN x3

Connect to computer

SPDIF OUT x1

Connect speakers/headphones

USB 2.0 x1

Connect USB flash disk

USB 3.0 x1

Connect USB flash disk

RJ45 x1

Connect the network cable

Audio OUT x1

Connect speakers/headphones



Smooth Video Conferencing

Compatible with mainstream video conferencing software, delivering smooth and efficient video conferencing experience

Wide compatibility | Desktop sharing | Smooth video call



*Peripheral equipment such as microphones, cameras, etc. are needed

Intelligent Education

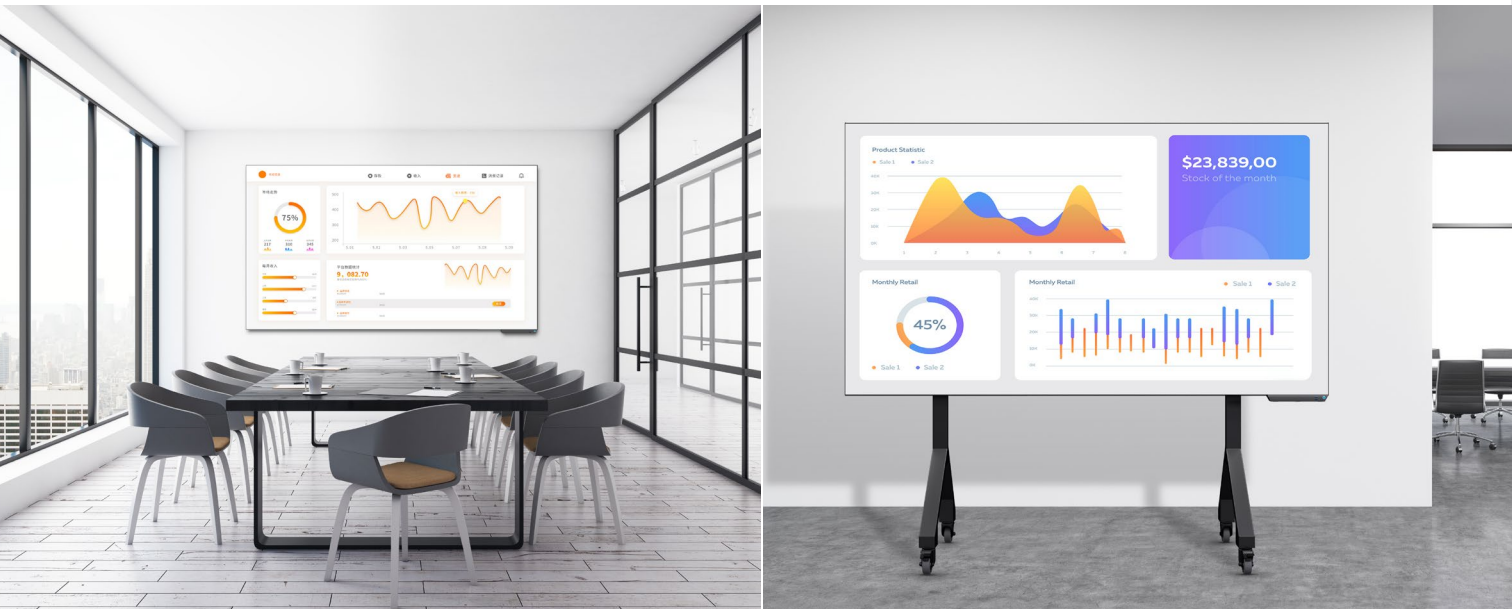
Open ecology and platform centered on LED screen, bring teachers and students full scene teaching experience, and build a smart education ecology

Internet whiteboard | Internet of things | Live and recording



Two Installation Options

A wall mount and mobile stands enable the device to be flexibly installed in different scenarios



Wall mount



Mobile stands

*E116 and E130 support the above two installation methods, and E158 can only be wall mounted

Quick and Easy Installation

Adopting innovative modular design, significantly simplifies the cable connection and installation process, easy to achieve quick installation and disassembly
The unique patented floating connector technology realize XYZ axis six-direction adjustment, bringing high-precision seamless splicing and amazing flatness



installation within 2 hours by 2 people



front-installation and maintenance



protective corner design



XYZ axis adjustment



revolutionary big panels



floating connector

Eye Protection

One-click for the soft light mode, which reduces harmful blue light, creating healthy viewing experience for the audience



Standardized Quality Control

It is manufactured in Absen's own factory through a standardized production process, and has obtained multiple certifications, allowing customers to use it without any worries.



Standardized manufacturing process

Every step of the production process is strictly managed to ensure product quality.

Strict quality control

18 monitoring procedures
29 operating procedures
33 recording procedures
2,285 inspections and tests

Multiple certifications obtained, legal and compliant

Certified through CCC, China Energy Conservation Certification, etc. Passed performance/ blue light hazard/ photobiology test, etc., which are recognized by CNAS accredited institution

Meet Different Space Needs

Suitable for medium and large-sized spaces to meet various display needs



Medium-sized Space

Attendance: 20~40
Space area: 20~40m²
Recommended model: E116



Large-sized Space

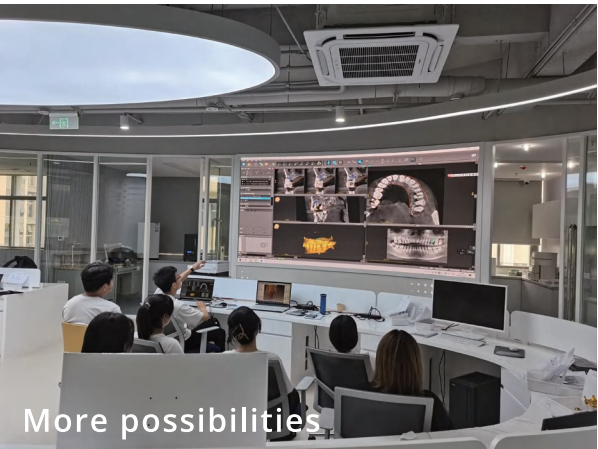
Attendance: 30~50
Space area: 40~60m²
Recommended model: E130



Supersized Space

Attendance: 50~100
Space area: 60~100 m²
Recommended model: E158

Business Applications



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, 3000+ 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