Parameter

Model	Clear Cobalt	
	CL 0.9	CL 1.2
LED Type	Flip Chip RGB	Flip Chip RGB
Pixel Pitch (mm)	0.95	1.27
Panel Dimensions (WxHxD)/(mm)	610×343×58	610×343×58
Pixel Per Panel	640 × 360	480 × 270
Panel Weight (kg)	7	7
Panel Material	Die-cast aluminum	Die-cast aluminum
Brightness (nit)	1200	1200
Refresh Rate (Hz)	2880	3840
Gray Scale (bit)	14	14
Contrast Ratio	20000:1	20000:1
Color Temperature (K)	6500	6500
Viewing Angle (H/V) (°)	160/160	160/160
Power Consumption (Max./Avg.)(W/m²)	360/120	522/174
Operating Temperature(°C)	-10~+40	-10~+40
Operating Humidity (RH)	10%~90%	10%~90%
IP Rating (Front/Rear)	IP40/IP21	IP40/IP21

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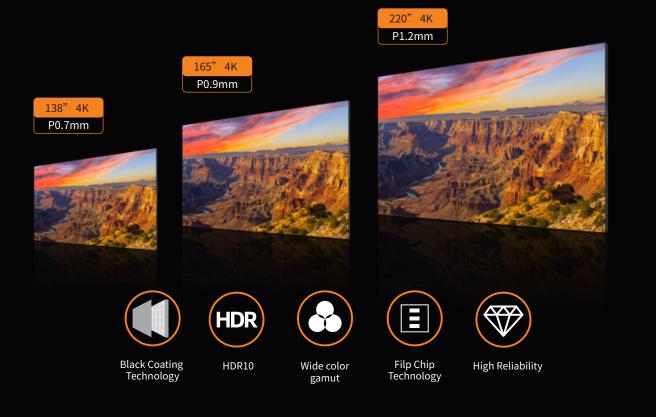
Clear Cobalt

Inspiring Color, Redefined Reality



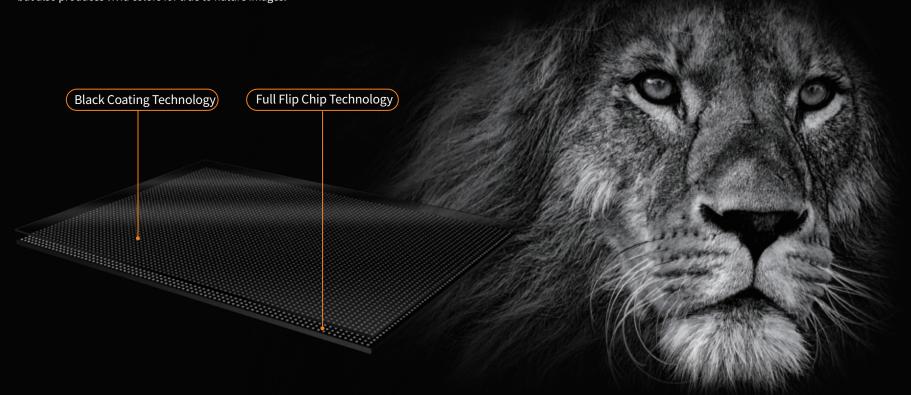
In the era of Ultra HD technology, expectations and requirements are high. Customers expect outstanding quality from their LED displays.

Clear Cobalt, is the new generation of display products from Absen. Using several innovative technologies to provide outstanding visual performance versus traditional LED products. The CL series also supports 2K/4K/8K for higher HD display requirements. Producing stunning visuals for professional control rooms, corporate lobbies, TV studio, large conference rooms and luxury living.



Black Coating Technology

With full black coating technology and Absen's black calibration technology, the Clear Cobalt has not only gained a non-reflective surface, but also produces vivid colors for true to nature images.







Reflective Non-glare

Stunning Visual



High brightness and black coating technology, with contrast up to 20000:1, enables you to produce a more layered, more vivid visual



Clear Cobalt utilizes Absen's custom HDR image algorithm technology, to render optimum peak brightness and contrast for every frame image, to display true-to-life imagery



Wide Color Gamut

Clear Cobalt support 90% BT2020 color gamut for detail image quality, and true to life color match



Movie Quality Image

With COB technology, the Clear Cobalt series has no particle sense which offers a softer display









SDR Conventional LED Display Clear Cobalt

Energy Saving

- Full flip chip reduces energy consumption by 20% under the same brightness conditions
- Advanced HBB energy saving technology effectively cools the screen surface
- No perceptible heat from the screen results in a consistent and unaffected room temperature



Flip Chip Technology

Efficient Heat Dissipation

High Reliability

Use the full flip chip and chip on board technology, the product has high reliability





Dust-proof



Anti-oxidation



Anti-blue light

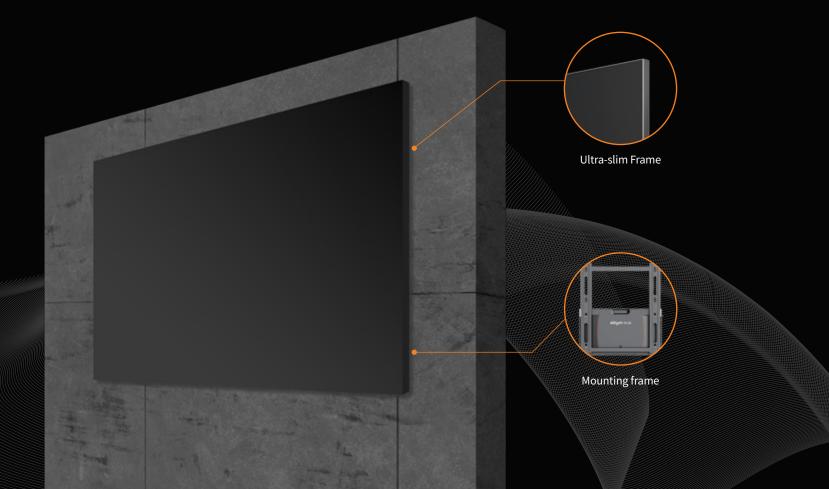
Easy Cleaning

- High protection level of screen surface
- A wet towel can be used for usual cleaning, making screen maintenance easier

Easy Installation

Transform spaces with the latest trend in LED displays and allow customers to have luxury experience. The Clear Cobalt, a monumental screen with optional edges and wall-mounted frames,

provides an ultra-high quality installation which submerges into the surrounding environment.





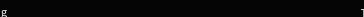




Control Room

Conference Room







TV Studio

Professional service, best experience

Absen service ability



Comprehensive support

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



Global coverage

117 Absen certified service providers, 2400+ 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