



## Technical Specifications

Component			
		<b>Device</b>	<b>Cable</b>
		1	1 power cable and 1 HDMI cable
		<b>UHD codec</b>	<b>Camera</b>
		Optional	Optional
		<b>Touch</b>	<b>IdeaShare Key</b>
		Optional	Optional
		<b>Wall-mount bracket/Rolling stand</b>	<b>Microphone</b>
		Delivered with the device	Optional
Screen			
<b>Packaging process</b>	<b>Pixel pitch</b>	<b>Display size</b>	<b>Display resolution</b>
Flip-chip COB	P0.7	138" (16:9)	4K
<b>Contrast</b>	<b>Brightness</b>	<b>Color temperature</b>	<b>Horizontal/Vertical viewing angle</b>
20000:1	300-1000 nits (adjustable)	5000-9500K (adjustable)	170°/170°
<b>Gray level</b>	<b>Color gamut</b>	<b>Refresh rate</b>	<b>Black uniformity</b>
16 bits	85% BT.2020	3840 Hz	ΔE*ab < 0.5
<b>AG anti-glare</b>	<b>Protection level (front)</b>		
Supported	IP65		
Speaker			
<b>Quantity</b>	<b>Rated power (per group)</b>	<b>Maximum volume</b>	<b>Frequency response</b>
2 x 3 (stereo supported)	2 x 20 W + 20 W	95 dB	60 Hz to 20 kHz
Physical specifications			
<b>Dimensions (H x W x D; rolling stand)</b>		<b>Dimensions (H x W x D; wall-mounted bracket)</b>	
2577 mm x 3054 mm x 1034 mm		1888 mm x 3054 mm x 147 mm	
<b>Power supply</b>		<b>Operating/Storage temperature</b>	
100 V AC to 240 V AC, 50/60 Hz		-10°C to +40°C/-20°C to +60°C	
<b>Operating/Storage humidity</b>		<b>Max. power consumption</b>	
10% to 80%RH/10% to 80%RH		1787 W	
Port			
<b>Audio/Video input port (front)</b>	<b>Power supply port</b>		
1 x HDMI	1 x power supply port		
Meeting capability <sup>1</sup>			
<b>Dual-stream resolution</b>	<b>Doubled frame rate</b>	<b>Call bandwidth</b>	
4K 30 fps + 4K 30 fps	Supported (4K 60 fps)	64 kbit/s to 8 Mbit/s	
<b>Feature</b>	<ul style="list-style-type: none"> <li>· Multistream meeting</li> <li>· SiteCall</li> <li>· Meeting control via web or Touch</li> <li>· Dual-band Wi-Fi (2.4 GHz and 5 GHz)</li> <li>· HD image snapshot (16:9 and 4:3)</li> <li>· PIP (small window: 1/16 of the main window in size and adjustable position)</li> <li>· LDAP address book</li> <li>· Open APIs for third-party integration and development</li> </ul>		
<b>Security</b>	H.235/TLS encryption for signaling and SRTP encryption for media Meeting access password, meeting control password, and administrator password Dual-stream encryption		

Note: 1: To access the meeting, doubled frame rate, security, intelligent features, and wireless projection functions, you must use the HUAWEI CloudLink Box 310/610 in conjunction with the display.  
 2: The screen temperature rise of 17°C refers to the average temperature rise of the screen relative to the ambient temperature when the product is working. The maximum temperature rise of the whole display is ≤ 20°C. The actual temperature rise may vary slightly depending on usage conditions and environments.  
 3: To use the wireless projection function, you need to download the IdeaShare app or configure an IdeaShare Key.

## Application Scenarios



### Midsized and large meeting rooms

Remote meeting, business reporting, and office work



### High-level consultation room

Business consultation, VIP reception, and workshop



### Lecture hall

Special speech, team building, and enterprise activity



### Command center

Remote command, emergency attendance, and information display



### Exhibition hall

Large-screen display, animation demo, and interactive experience



### IOC

Real-time detection, comprehensive situation analysis, and video meeting

### Disclaimer

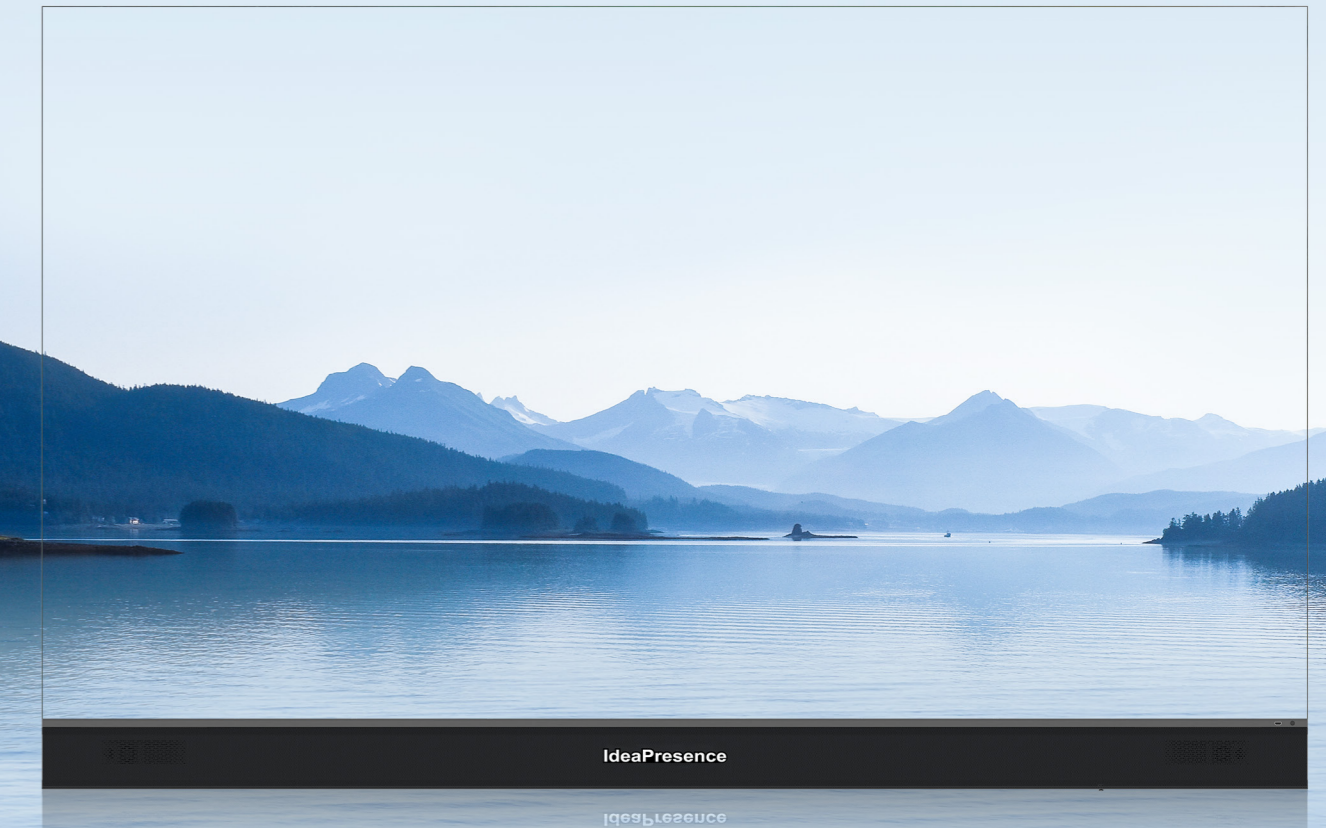
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# IdeaPresence 138

## Immerse Yourself in Infinity

Cool-running COB display | Immersive audiovisual experience | Professional executive meetings



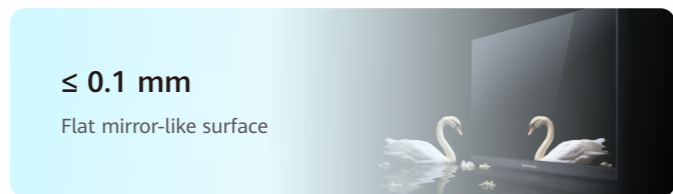
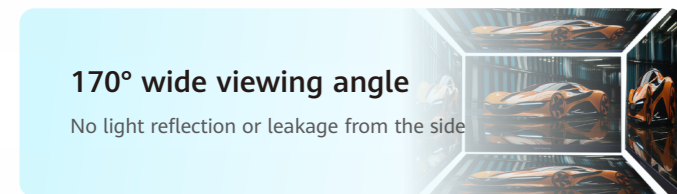
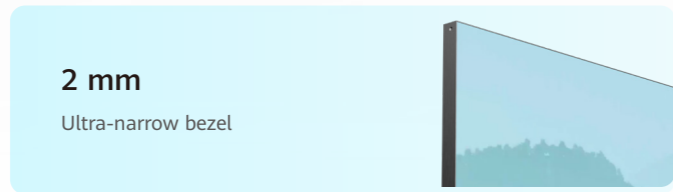
# IdeaPresence

The 138-inch 4K immersive giant display adopts the flip-chip COB technology and has a 20,000:1 contrast ratio and BT.2020 color gamut for realistic color reproduction. It also boasts two groups of full-range speakers for stereo surround sound. The intelligent audio and video provide a professional meeting experience<sup>1</sup>, making it suitable for large meeting rooms, lecture halls, and multi-functional halls.

## Expand Your View, Expand Your World

### Stunning minimalist design

The display's frame is made of aviation-grade aluminum alloy and has undergone wire-drawing and oxidation, for great stability and durability. The chin of the display boasts speaker cloth technology, which makes it resistant to dust and dirt. What's more, users can enjoy widescreen while watching videos thanks to 170° wide viewing angle and thin edges on three of its sides.

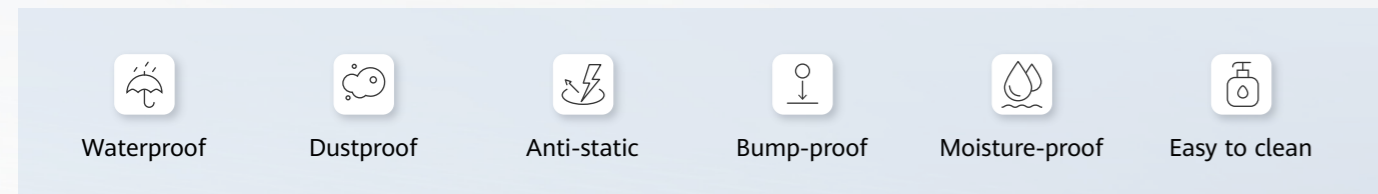


### Cool-running COB display

We use new architecture in our static low-power driver IC and adopt the co-cathode design to provide precise power supply and reduce power consumption by 30%. Additionally, screen temperature rise does not exceed 17°C<sup>2</sup>, ensuring viewing experience is not hindered by overheating.

### Rock-solid security protection

Flip-chip COB technology safeguards internal components by preventing their exposure. Its front is IP65-rated, and any smudges on the surface can be easily cleaned.



### Extension for bigger possibilities

The modular array design allows for dual-screen extension and 32:9 aspect ratio, enabling simultaneous display of site video and shared content.

## Immersive Audiovisual Experience

### Ultimate 4K visual fidelity

The display has a P0.7 pixel spacing and a pixel pitch of 32 ppi, with support for independent self-luminance for hundreds of millions of pixels. Each beam of light can be precisely adjusted to enhance image presentation and vividness.

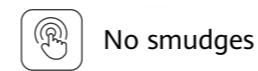
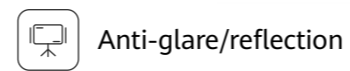
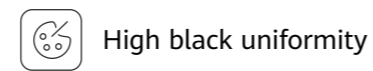


### Colors beyond the palette

The display can present 1.07 billion stunning colors with BT.2020 image-level color gamut, providing 64 times higher color display performance. Professional color adjustment before delivery creates true-to-life images, bringing you closer to reality.

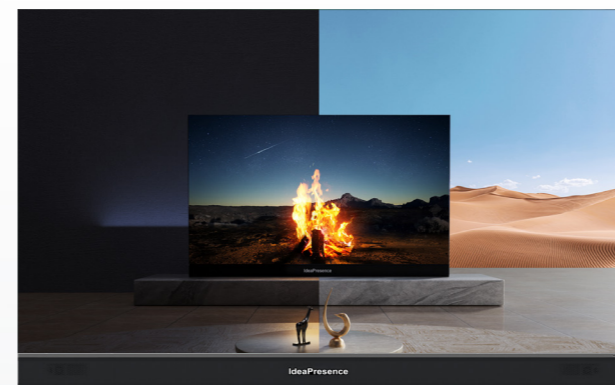
### Pure color that withstands light

The display's surface is processed with nanometer-level technology, producing pure black color that doesn't reflect light. The screen feels smooth and flat, leaving behind no smudges.



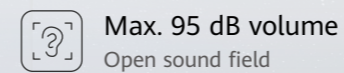
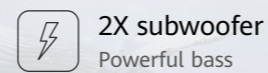
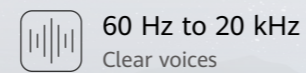
### Optimal brightness, day or night

The screen boasts a peak brightness of 1000 nits, a 16-bit gray scale level, and rich dimming levels, for all-round protection against ambient light.



### Theater-quality stereo audio

With two high-power full-range built-in speakers, the display delivers impactful and high-quality audio, providing an immersive experience for users.



## Professional Intelligent Meetings<sup>1</sup>

### 4K video meetings

Built on a next-generation high-computing hardware platform architecture, the display adopts brand-new H.265 codec and proprietary VME technology, supporting 4K meetings at ultra-low bandwidth. The device also has powerful network adaptability with 30% packet loss concealment for videos.

### Doubled frame rate

The frame rate doubling technology converts 30 fps video streams to 60 fps, delivering silky-smooth 4K videos with no smearing.



### Secure and reliable meetings

Industry-leading full-link protection brings end-to-end high-security during meetings.

- **Audio watermarking**

Audio leakage traceable via air channels.

- **One certificate per device**

Each display has a unique certificate, preventing hijacking and spoofing.



### Easy wireless projection and control

Wirelessly project mobile phone or PC content<sup>3</sup> onto the display and enjoy 4K resolution instantly. The Touch tablet can be configured for efficient control operations, including sleep, wake-up, and adjusting brightness and volume of the display.