

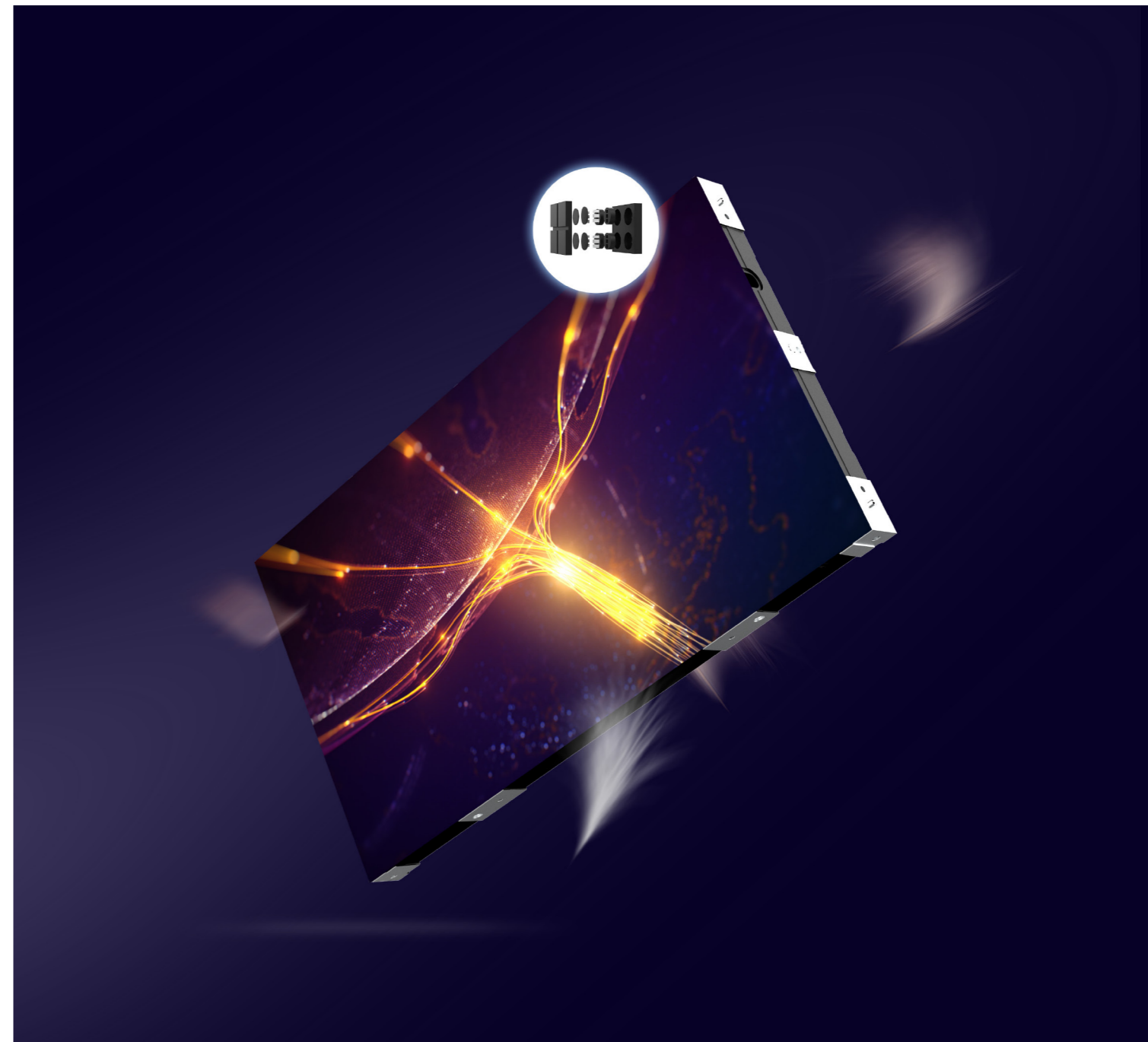
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CV Series Mini LED Display



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AOTO

Attractive Technology

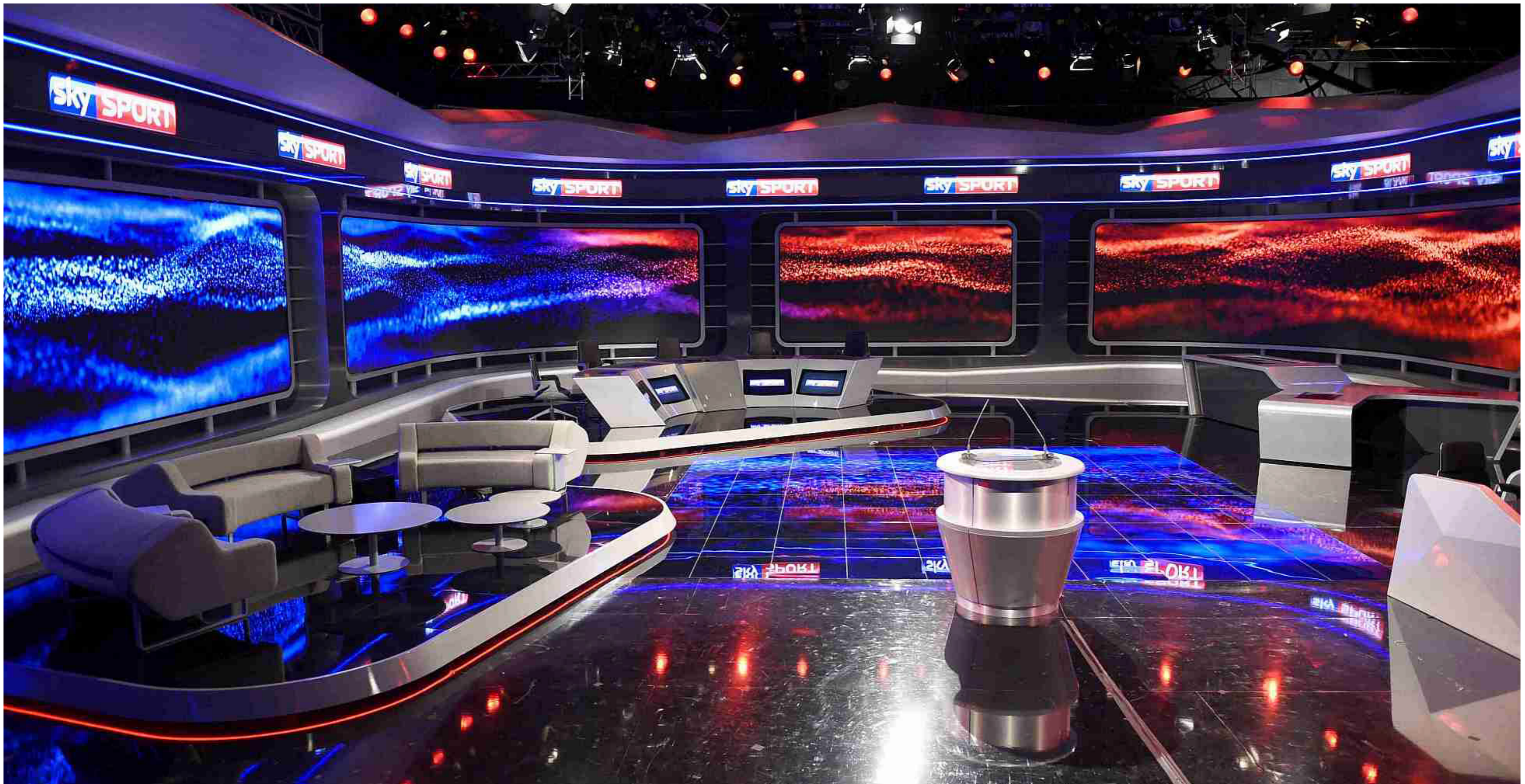
The CV Series Simple Greatness

AOTO CV series is a new model that inherits the technical strengths of mini-led products and develops a better stability and visual performance. The slim yet tough structure makes it applicable to multiple scenarios. With seamless and wireless connection, the product can easily deliver an UHD giant display and visual feast, fully delivering the brand message.



Simplistic and Feature Rich

Taking advantage of the innovative Mini LED technology, AOTO CV series offers fine pixel pitch which highly benefits touch screen application with the features of more sensitive sensing and smoother writing. With wireless protection screen and code scanning for sharing, it supports direct control on the PC tablet, computer or mobile phone for manuscript display and comment adding. Through code scanning for sharing, it can realize convenient sharing and simultaneous saving. Reducing conferencing procedures and delivering multi-way interaction, it enhances conferencing efficiency, makes inspiration within reach and delivers efficiency beyond imagination.



Capturing the Imagination

The surface light source technology enables to effectively reduce the moiré effect. For multi-camera omnidirectional shooting or dead-zone free shooting, the high refresh rate ensures that the big screen can promptly respond even with high-speed cameras, presenting smoother frame transition. The dual-card and dual-power backup system keeps the data safe and prevents data loss or interruption as a result of emergencies.



Visualized Information and Comprehensive Control

Thanks to display strengths like high definition, high contrast ratio, low brightness and high gray level, wide viewing angle, front maintenance and seamless splicing, the CV series can provide the command and control center with a complete display system and a visualized information platform.



Capture Vibrant Visuals

Adopting AOTO's 24 bit color depth processing technology, which benefits to display chroma in richer ranges, presents the tiny differences among various colors. 110%NTSC wide gamut combines with pixel to pixel brightness & chroma calibration technology guarantees the consistency and accuracy of color performance for each and every batch of goods.



Mini 4 in 1



Consistent Ink Color



Moiré Effect Reduction



Global Patents



HDR Display

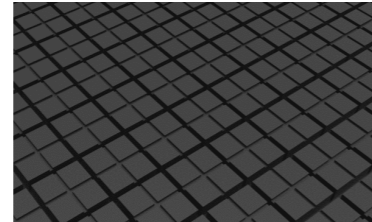


Wide Viewing Angle

Features of CV Series

4 in 1 Mini LED

Through IMD packaging, Mini 4 in 1 LED offers 4 times tougher bonding pad of beads, effectively resolving the bead fragility problem of small pitch products, reducing bead falling rate and delivering more stable and reliable products.



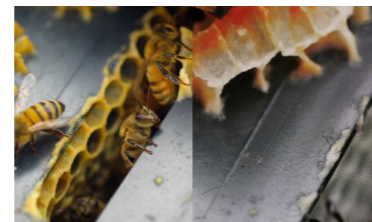
6000 : 1 Contrast Ratio

The nano coating technology is deployed to eliminate the impact of disperse light, guarantee soft, even and consistent light emitting, and enhance viewing comfort.



Moiré Effect Reduction

The 4 in 1 pixel integration and ultra small bead pitch make the display similar to surface light source, and reduce the sense of granulation of LEDs and moiré for high quality content sharing.



Features of CV Series

40+ Global Patents

Mini 4 in 1 LED makes the chip size smaller around 100um, thus increases the black area of individual bead and improves the visual performance.



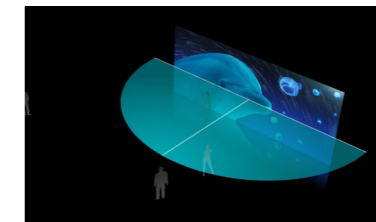
110% NTSC & HDR

With AOTO own developed control system, the product offers a color range of 110% NTSC and supports HDR technology, which enhances color expression and presents more details, bringing comprehensive viewing experience to the viewers.



180° Unparalleled Viewing Angle

Nearly 180° wide viewing angle enables the contents to be seen in most areas, and ensure perfect viewing in any position in front of the screen.



Features of CV Series

Eye Protection

The radiation luminosity under 460nm is $0.008492W/m^2/nm$, much lower than the hazard-free standard of $100W/m^2/nm$. Tested at an exemption level, the product can help protect the eyes.



38mm & 5kg

Featuring a light and thin design, the cabinet is 38 mm thickness and weights 5 kg, saving transportation cost and installation cost, and delivering more attractive screens after installation.



Seamless Connection

No wires can be spotted among cabinets behind the screen, keeping the screen intact and presenting a neater and more attractive look.



Features of CV Series

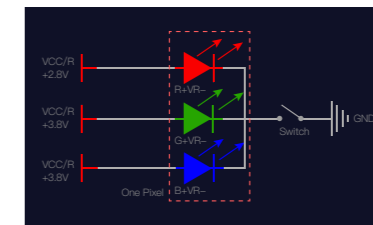
6-direction Flatness Adjustment

The six-direction adjustment technology ensures no apparent segment gap or spacing among the screens, resolving the evenness and splicing problem of small pitch screens in an all-round way.



20% Energy-Saving

The common cathode technology, ultra-low voltage power supply and dynamic energy conservation technologies are adopted to reduce power consumption by 20%. Highly energy-saving and improving the heat dissipation.



Safe and Reliable

Meeting the requirements of electromagnetic compatibility and fire prevention, the raw material and circuit design are highly safe and stable.



CV Series Specifications

Model	CVES1.2	CVES1.5	CVES1.8	CVES2.5
Pixel Pitch	1.25mm	1.5625mm	1.875mm	2.5mm
Type Of Led	Mini 4 in 1	Mini 4 in 1	SMD1515	SMD2020
Pixel Density	640,000 pixels/m	409,600 pixels/m	284,444 pixels/m	160,000 pixels/m
Resolution	480 x 270	384 x 216	320 x 180	240 x 135
Pixel Composition	1R 1G 1B			
Cabinet Size	600mm x 337.5mm x 38mm			
Cabinet Area	0.2025m ²			
Cabinet Weight	5±0.5kg			
Cabinet Material And Color	Die-cast aluminum, black			
Calibrated Brightness	600 nits	600 nits	800 nits	1200 nits
Viewing Angle	Horizontal: 170°±8°; Vertical: 170°±8°			
Color Processing Depth	24 bit			
Refresh Rate	1920Hz			
Input Voltage-	AC100V to AC240V, 50 or 60Hz			
Contrast Ratio	6000 : 1	6000 : 1	3000 : 1	3000 : 1
Maximum Power Consumption	130W	120W	90W	105W
Average Power Consumption	55W	50W	35W	45W
IP Grade	IP30			
Maintenance	Front Access			
Lifespan	500,00 hours			
Operating Environment	Temperature: -10°C - 40°C / Humidity: 10% - 80% RH			

Remark: Above is for reference only. The final parameter is subject to the project configuration.







CV All-in-One Specifications

Model	CVI08M12	CVI08S18	CVI36M15	CVI36S18	CVI63S18
Specification size	108"	108"	136"	136"	163"
Overall size	2414 x 1472 x 38	2414 x 1472 x 38	3014 x 1809 x 38	3014 x 1809 x 38	3614 x 2147 x 38
Weight (Wall-mounting)	115KG	115KG	170KG	170KG	235KG
Maximum Power	2000W	1250W	2750W	2000W	2850W
Average Power	750W	480W	1100W	750W	1100W
Resolution	1920x1080	1280x720	1920x1080	1600x900	1920x1080
Type Of Led	Mini 4 in 1	SMD1515	Mini 4 in 1	SMD1515	SMD1515
Pixel Density	640,000 pixels/m	284,444 pixels/m	409,600 pixels/m	284,444 pixels/m	284,444 pixels/m
Contrast Ratio	6000 : 1	3000 : 1	6000 : 1	3000 : 1	3000 : 1
Pixel Composition	1R 1G 1B				
Signal Input	HDMI				
Color	Black				
Brightness	100-600nits				
Viewing Angle	Horizontal: 170°±8°; Vertical: 170°±8°				
Color Processing Depth	24 bit				
Refresh Rate	1920Hz				
Input Voltage	AC100V to AC240V, 50 or 60Hz				
IP Grade	IP30				
Maintenance	Front Access				
Lifespan	500,00 hours				
Operating Environment	Temperature: -10°C - 40°C / Humidity: 10% - 80% RH				

Remark: Above is for reference only. The final parameter is subject to the project configuration.



CV All-in-One Accessories

Product Name	Description	Unit	Photo
Base Components	Seat Mount Base and Bracket	Set	
Wall Mounting Components	Wall Mounting Members and Connectors	Set	
Speaker	Conference amplifier system, to be used for amplifying and video conferencing	Set	
Infrared Touch Frame	To be used for touch function	Set	
Touch Pen	To be used for touch function, telescopic pointer included	Pcs	
Remote Controller	To be used for remote control	Pcs	

Remarks: The accessories appearance is for reference only.

