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# True Intelligence behind the Simplicity

SID All-in-One LED Solution



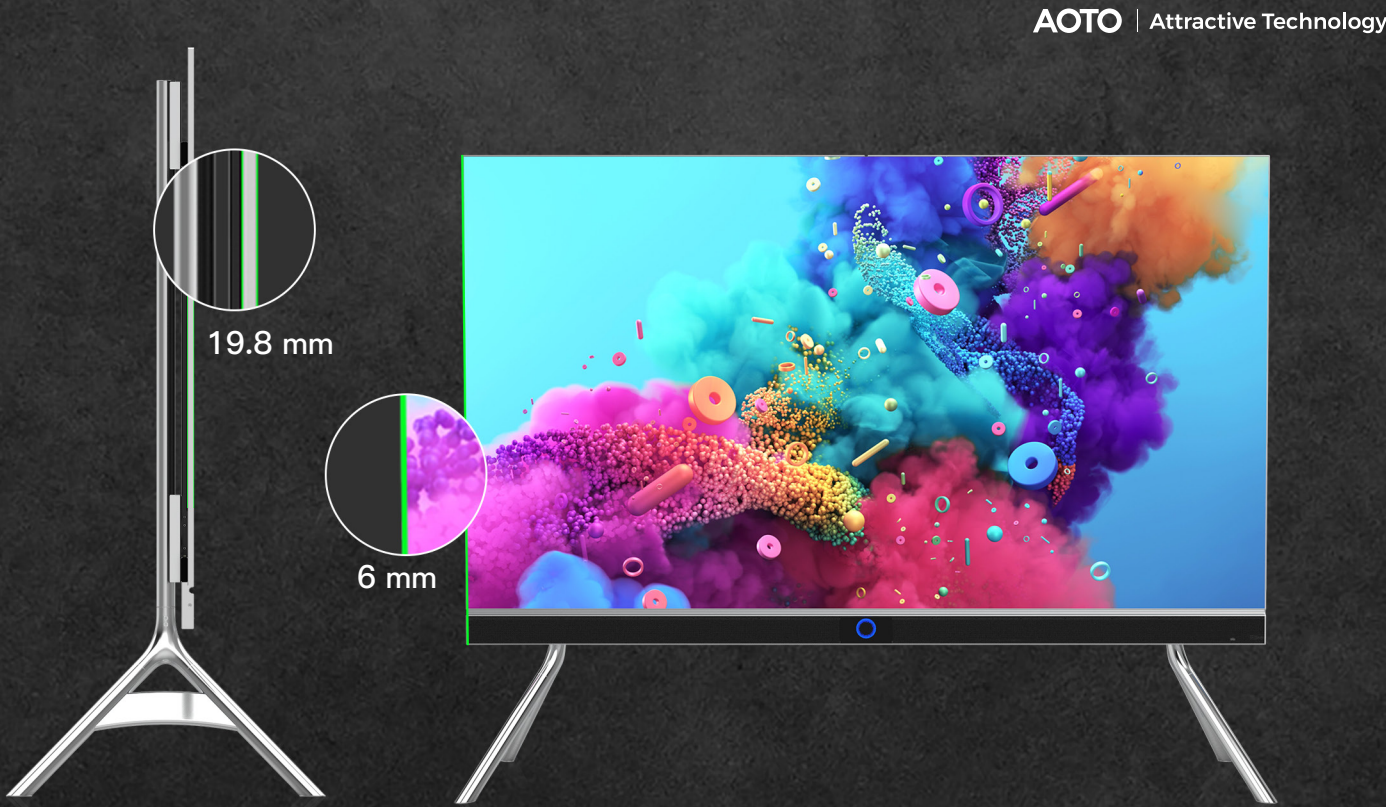


# INTRODUCTION

AOTO SID All-in-one LED solution adopts an innovative frameless design, featuring with 6mm ultra-thin frame and 19.8mm cabinet thickness. The swallow-tail shaped bracket fully meets aesthetic design value. The overall weight of SID All-in-one LED solution is 50% lower than conventional LED, and the centralized power supply greatly reduces power consumption.

Efficiently integrated with the AI algorithm, SID All-in-one LED solution is also available for plug and play, and the optimal viewing brightness can be precisely adjusted by mobile phone. With AOTO advanced technologies like 24-bit color processing depth, high refresh rate, and image calibration, SID All-in-one LED solution guarantees unparalleled visual performance. Besides,multiple sizes meet various needs, delivering an eye-catching large-scale viewing experience.

Application: Conference Room, TV Studio, School and Training Agency, Digital Media.



## Brand new frameless All-in-One design, ultra-thin structure

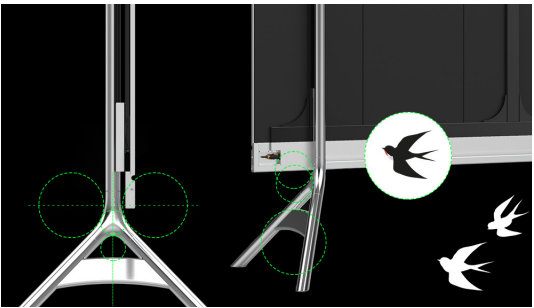


### Full Display

- 6mm ultra-thin frame
- 19.8mm body thickness
- Thin as a mural

### Multiple Sizes

- Applicable to various scenarios such as large meeting room with 40+ audiences, TV studios,etc
- 120/150/180 inches
- The projection screen can be replaced in original size



### Swallow-tail Design

- Graceful and solemn swallow-tail shaped bracket
- Innovative and stylish appearance
- Elegant yet neat visual enjoyment

### Lightweight All-in-One Design

- Thin and light aviation composite materials
- 50% weight reduction
- Support wall-mounted installation on a non-load bearing wall
- Break the concept of cabinet splicing
- Panel design,All-in-one transportation and installation







High efficiency and convenience



High Reliability

- Edge pad enhancement treatment
- Surface nano spraying



Multiple Interfaces

- 2 HDMI2.0 video input
- 2 USB2.0 + 1 USB3.0 interface
- LINE OUT audio output

Energy-saving and Environment Protection

- Ultra-low voltage power supply
- Dynamic power adjustment technology
- 10A socket
- Excellent heat dissipation structure
- Comfortable user experience

Fast Installation & Maintenance

- Segmented quick installation
- The installation can be finished by 2 people within 1 hour
- 24V safe power supply, support live installation and maintenance

HDR image quality

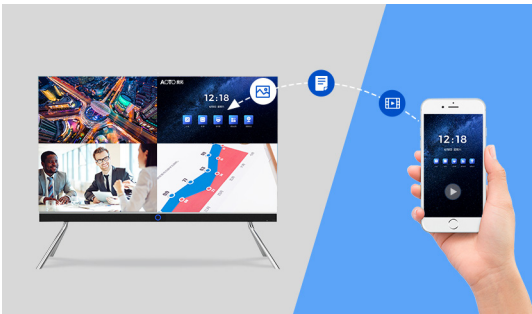


\*Intelligent All-in-One Design

- Latest SOC solution
- 4GB RAM + 32GB flash memory, Android 8.0
- Support multiple APP application extensions
- Support 1000M Ethernet wired connection
- 2.4G+5G dual WIFI wireless connection

\*Intelligent adjustment

- Built-in AOTO AI algorithm
- Self-adaptive brightness adjustment
- Brightness uniformity can be automatically adjusted by mobile phones



\*Multiple devices Connection & Control

- Multiple devices wireless connection
- Maximum 4 split screens
- Various control methods

Exclusive Developed System

- AOTO image quality engine V1.0
- Color calibration technology, High refresh rate
- Image auto scaling
- 24-bit color processing depth, Wide color gamut

Function with\*is optional





SID All-in-One LED Solution Specifications

Model	SID120	SID150	SID180
Specification size	120 "	150 "	180 "
Overall size	2676x1644.5x19.8	3342x2019x19.8	4008x2394x19.8
Weight (Wall-mounting )	90kg	130kg	180kg
Maximum Power	1200W	1600W	2300W
Average Power	510W	720W	950W
Resolution	1920x1080	1920x1080	1920x1080
Pixel Density	519,438 pixels/m	332,440 pixels/m	230,861 pixels/m
Contrast Ratio	3000:1	3000:1	3000:1
Pixel Configuration	1R 1G 1B		
Signal Input	HDMI		
Color	Black		
Brightness	100-550nits		
Viewing Angle	Horizontal:160°±10 ; Vertical:160°±10		
Color Processing Depth	24 bit		
Refresh Rate	3840 Hz		
Input Voltage	AC100V to AC240V, 50 or 60 Hz		
IP Grade	IP30		
Maintenance	Front Access		
Lifespan	100,000 hours		
Operating Environment	Temperature:-10℃-40℃/Humidity:10%-80%RH		

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