

S-LEDCOB-ID SERIES

INDOOR COB LED



FEATURES

MicroLED COB Technology

Flip-chip COB packaging delivers a seamless coated surface that is more homogeneous than traditional SMD, offers extremely wide viewing angles and high contrast, and automatically protects the LEDs from external influences.

- Indoor 0.7, 0.9, 1.2, 1.5, 1.8mm Pixel Pitch
- Flip-Chip COB Technology
- Front Installation & Service
- Die Casting Aluminium

DESCRIPTION

S-LEDCOB-ID Series is Starview's indoor COB (Chip-on-Board) LED display using flip-chip MicroLED technology. The coated, homogeneous surface produces deep blacks and high contrast while providing a protective layer against external influences.

With 0.7 to 1.8mm pixel pitches, it is fully front-installable and front-serviceable, ideal for control rooms, broadcast, corporate lobbies and premium fine-pitch applications requiring Full HD, 4K and 8K resolutions.



Technical specifications

S-LEDCOB-ID Series

Model	S-LEDCOB-IDP0.7	S-LEDCOB-IDP0.9	S-LEDCOB-IDP1.2	S-LEDCOB-IDP1.5	S-LEDCOB-IDP1.8
Pixel Pitch (mm)	0.78	0.93	1.25	1.56	1.87
Pixel Density (px/m ²)	1,638,400	1,137,777	640,000	409,600	284,444
LED Type	Flip Chip COB				
Module Size (W x H, mm)	150 x 168.75	150 x 168.75	300 x 168.75	300 x 168.75	300 x 168.75
Module Resolution (W x H, px)	192 x 216	160 x 180	240 x 135	192 x 108	160 x 90
Number of Scans	1/54	1/54	1/120	1/108	1/90
Surface Treatment	Matt COB				
Surface Hardness	4H				
Cabinet Size (W x H x D, mm)	600 x 337.5 x 35.5 (Customize), 16:9				
Cabinet Weight	4 kg				
Cabinet Resolution (px)	768 x 432	640 x 360	480 x 270	384 x 216	320 x 180
Cabinet Material	Die-casting Aluminium				
Brightness	600 nits				
Display Color	16 bit				
Brightness Uniformity (corrected)	≥ 99%				
Chromaticity Uniformity (corrected)	± 0.001				
Refresh Rate	3840 Hz				
Contrast Ratio	20,000:1 (no lighting)				
Color Temperature	3,000 - 15,000 K				
Viewing Angle (H/V)	175 / 175				
Input Voltage	AC 100-240V 50/60Hz				
Data Transfer Method	RJ45				
Max. Power Consumption	375 W/m ²	375 W/m ²	350 W/m ²	350 W/m ²	325 W/m ²
Average Power Consumption	110 W/m ²	110 W/m ²	100 W/m ²	100 W/m ²	90 W/m ²
Environment	Indoor only				
Maintenance	Front Service				
IP Level	IP54				
LED Lifespan	100,000 hours				
Operating Temperature	-10 ~ +60°C				
Operating Humidity	10% - 90% RH (non condensing)				
Storage Temperature	-20 ~ +60°C				
Storage Humidity	10% - 90% RH (non condensing)				
Runtime	24/7				
Additional Components (Option)	Remote PSU (SA-PWL5..40); Video wall processor (SLC2/4/6/13 Pro, C2X/C3X/C4X); Mount SA-LMS				

For technical or sales support, please visit:

www.starviewint.asia

Performance specifications are typical. Due to constant research, specifications are subject to change without notice. For the most up-to-date specifications, please contact an authorized Starview representative.

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