CHRISTIE CERTIFIED

SA-BUP-COB SERIES

MICRO LED

DESCRIPTION

SA-BUP-COB Series is Starview's latest LED technology using MicroLED Chip-on-Board (COB) technology. COB LED technology is becoming increasingly popular and Starview has developed the SA-BUP-COB Series to provide a state-of-the-art visualization solution. Using this technology allows the display to achieve extremely large viewing angles and high contrast ratios. All this while maintaining a very high power efficiency ratio. In addition, it comes packed with the latest technology for easy installation and cabling.

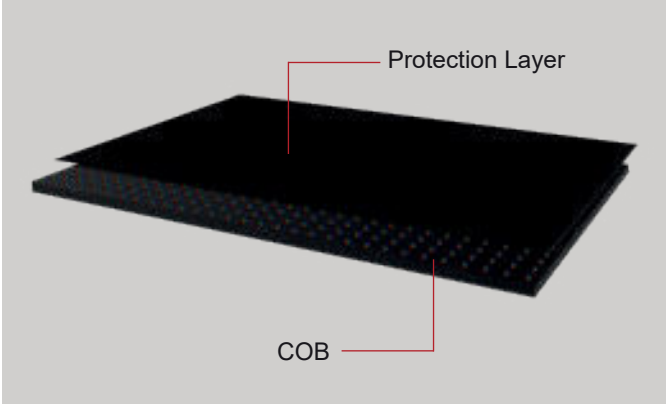
The SA-BUP-COB Series offers 0.93, 1.25, 1.56 pixel pitch models, all of which are fully installable and serviceable from the front. With a 27" 16:9 cabinet, the SA-BUP-COB Series is perfect for Full HD, 4K and 8K setups. Combined with its protective layer, it is ideal for those public spaces such as airports, train stations, museums and lobbies

FEATURES

Latest MicroLED COB LED Technology

By using the latest COB flip-chip MicroLED technology, the SA-BUP-COB Series from Starview offers a coated surface which, on the one hand, makes the image appear more homogeneous compared to traditional SMD LED displays and, on the other hand, automatically provides a protective surface against external influences.

- Indoor 0.93, 1.25, 1.56mm Pixel Pitch
- COB Technology
- Cabinet: 600mm(W) x 337.5mm(H)
- Die Casting Aluminum



STARVIEW ASIA
TECH FOR A BETTER WORLD

DESIGNED TO BE COMPATIBLE WITH CHRISTIE'S IMAGE CONTROL SYSTEM

Starview SA-BUP-COB Series

Supported control solution	Switchers and AV distribution	· Terra Controller · Terra Receiver · Terra Transmitter
	Video wall processors	· Hedra Standard · Hedra Pro-KVM · Hedra Pro-Video
	Image processors	· Spyder-S-Series · Mastering Gateway · Spyder X80

Products "SA-BUP-COB Series" manufactured by Starview, are paired with Christie Terra Switchers and AV distribution

Solutions beyond matrix switching for AV-over-IP system architectures

Based on off-the-shelf 10G Ethernet components, the Terra solution allows for the design of simple, flexible and highly-scalable system architectures that deliver great performance and user experience at a drastically lower total cost of ownership.

- **Terra Transmitter** - Supply audiovisual sources and control signals with uncompressed, zero-frame latency, artifact-free content over 10G networks.
- **Terra Receiver** - Deliver audiovisual sources and control from an SDVoE system to displays and other devices. Benefit from full signal management including videowall magnification, KVM switching and extension, aspect ratio management, and Multiviewer for confidence monitoring.
- **Terra Controller** - The Christie Terra Controller gives you complete, secure operational control and management over Terra devices and SDVoE systems.

Christie Hedra

Paired with Christie Hedra Video wall processors

Whether it's mission-critical operations or monitoring sources for energy and utilities, your team needs to securely display, arrange, and operate multiple sources to make quick, informed decisions. And that's where the new Christie® video wall processors come in.

With Christie Hedra™, you get secure, real-time access to your data that you can control from virtually anywhere for seamless collaboration and sharing of critical information so you can make those decisions.

Paired with Christie Spyder Image processors

Deliver the highest quality content every time

No matter what your canvas is – a live event, sports venue, control room, or corporate space – Christie® image processors and compositors can deliver the highest quality content with the lowest latency.

Christie Spyder

Christie Spyder-S Series: A revolution in compositing and processing

The Spyder-S Series redefines everything you know about compositing and processing with a better solution for live events, sports venues, and broadcast. Featuring a modular, scalable technology that lets you scale your system by combining individual nodes for nearly limitless inputs, outputs, and megapixels with ultra-low latency. It's everything you need and nothing you don't.

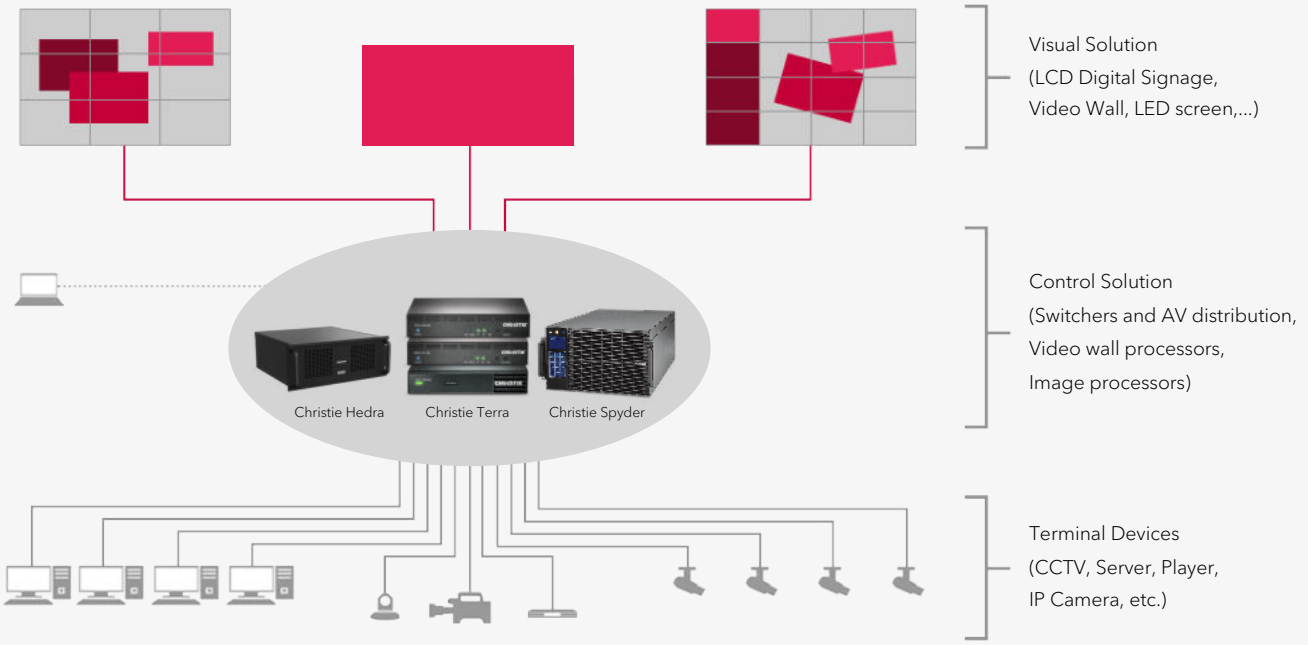
Christie Spyder X80: Designed for demanding events

An undisputed leader in its class, Spyder X80 is a powerful multi-screen windowing processor that offers performance, control, and flexibility for the most demanding, spectacular experiences imaginable.

For technical or sales support, please visit:
www.starviewint.asia

For assistance with confirming the Jurisdiction & Classification of Starview Asia products, please contact info@starviewint.asia

Copyright © 2025 STARVIEW ASIA. All rights reserved.
Australia Headquarters: Level 40, 140 Williams Street, Melbourne VIC 3000, Australia



For technical or sales support, please visit:
www.starviewint.asia

For assistance with confirming the Jurisdiction & Classification of Starview Asia products, please contact info@starviewint.asia

Copyright © 2025 STARVIEW ASIA. All rights reserved.
Australia Headquarters: Level 40, 140 Williams Street, Melbourne VIC 3000, Australia

Technical specifications

SA-BUP-COB Series

Model	SA-BUP-COB P0.9	SA-BUP-COB P1.2	SA-BUP-COB P1.5
Pixel Pitch (mm)	0.93	1.25	1.56
Pixel Density	1,137,777 px/m²	640,000 px/m²	409,600 px/m²
LED Chip	Flip Chip COB		
Module Size (W x H)	150 x 168.75 mm		
Module Resolution (W x H)	160 x 180 pixels	120 x 135 pixels	96 x 108 pixels
Modules per Cabinet (W x H)	4 x 2		
Cabinet Size (W x H x D)	600mm x 337.5mm x 40.8mm (Customize) Aspect ratio: 16:9		
Cabinet Weight	3.7 kg		
Cabinet Resolution (pixels)	640 x 360	480 x 270	384 x 216
Material	Die-casting Aluminium		
Brightness	600 nits		
Gray Scale	14 bit		
Refresh Rate	3840 Hz		
Frame Rate	50 / 60 Hz		
Heat Output Per Sqm	338 BTU/hr typical, 1050 BTU/hr maximum		
Salt Tolerance (optional)	NEMA 4X		
Installation Options	Standard Flat Wall | U/L shape | Curved | Ceiling		
Contrast Ratio	10,000:1		
Color Temperature	2,000K – 12,000K		
Color Gamut	≥110% NTSC, ≥93% DCI-P3		
Viewing Angle (H/V)	160°/160°		
Input Voltage	AC 100~240V 50/60Hz		
Data Transfer Method	RJ45		
Max. Power Consumption (White Balance 600nits)	350 W/m²		
Average power consumption (White Balance 600nits)	150 W/m²		
Environment	Indoor only		
Maintenance	Front Service		
IP level	IP41		
LED lifespan	100,000 hours		
Operating Temperature / Humidity	-10°C~+45°C/10%RH~80%RH (non condensing)		
Storage Temperature / Humidity	-10°C~+45°C/10%RH~80%RH (non condensing)		
Runtime	24/7		
Certification*	RoHS, CE, EMC, EN IEC 62368-1		

**The listed certifications are issued for markets in different regions. For the current status of the listed certifications in your region, please contact an authorized Starview representative.*

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.

For assistance with confirming the Jurisdiction & Classification of Starview Asia products, please contact info@starviewint.asia

Copyright © 2025 STARVIEW ASIA. All rights reserved.
Australia Headquarters: Level 40, 140 Williams Street, Melbourne VIC 3000, Australia