

# SA-SPI SERIES

PERIMETER OUTDOOR LED SIGNAGE



## FEATURE

- Reliable Protection and Flexible Adjustment
- HD Performance
- High Protective Grade IP65
- Multifunction For Sports Events
- Seamless Connection
- High Refresh Rate, Perfect Live Screen
- Large Viewing Angle
- High Brightness
- Redundant Signal Data and Power Supply
- Complete Image Solution
- Application Fields



## HIGHLIGHT



### Reliable Protection and Flexible Adjustment

The main difference between perimeter led screen and the other series is SA-SPI Series has soft plastic mask to protect the players from injury when they hit the screen in the stadium by accident.

It has a back supporting stand for adjusting the screen to different viewing angle.



### High Protective Grade IP65

SA-SPI Series adopts high quality conformal coating, so the component is effectively moisture-proof and dust-proof. Therefore, the screen can be used in severe indoor and outdoor environment.



### Seamless Connection

The high-precision die-casting aluminum cabinet is adopted. Compared with the traditional one, perimeter led screen's cabinet is quicker, and it has better splicing effect.



### Complete Image Solution

Normally the width of the perimeter display is very long and the horizontal resolution is way over the limit of the monitor 3840 pixels, so the screen will be displayed in several separate windows. We have solution to make the screen to display a complete image even if the pixels more than 30k or even more.

## DESIGNED TO BE COMPATIBLE WITH CHRISTIE'S IMAGE CONTROL SYSTEM

### Starview SA-SPI Series

Supported control solution	Switchers and AV distribution	<ul style="list-style-type: none"> <li>• Terra Controller</li> <li>• Terra Receiver</li> <li>• Terra Transmitter</li> </ul>
	Video wall processors	<ul style="list-style-type: none"> <li>• Hedra Standard</li> <li>• Hedra Pro-KVM</li> <li>• Hedra Pro-Video</li> </ul>
	Image processors	<ul style="list-style-type: none"> <li>• Spyder-S-Series</li> <li>• Mastering Gateway</li> <li>• Spyder X80</li> </ul>

### Products "SA-SPI 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-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.

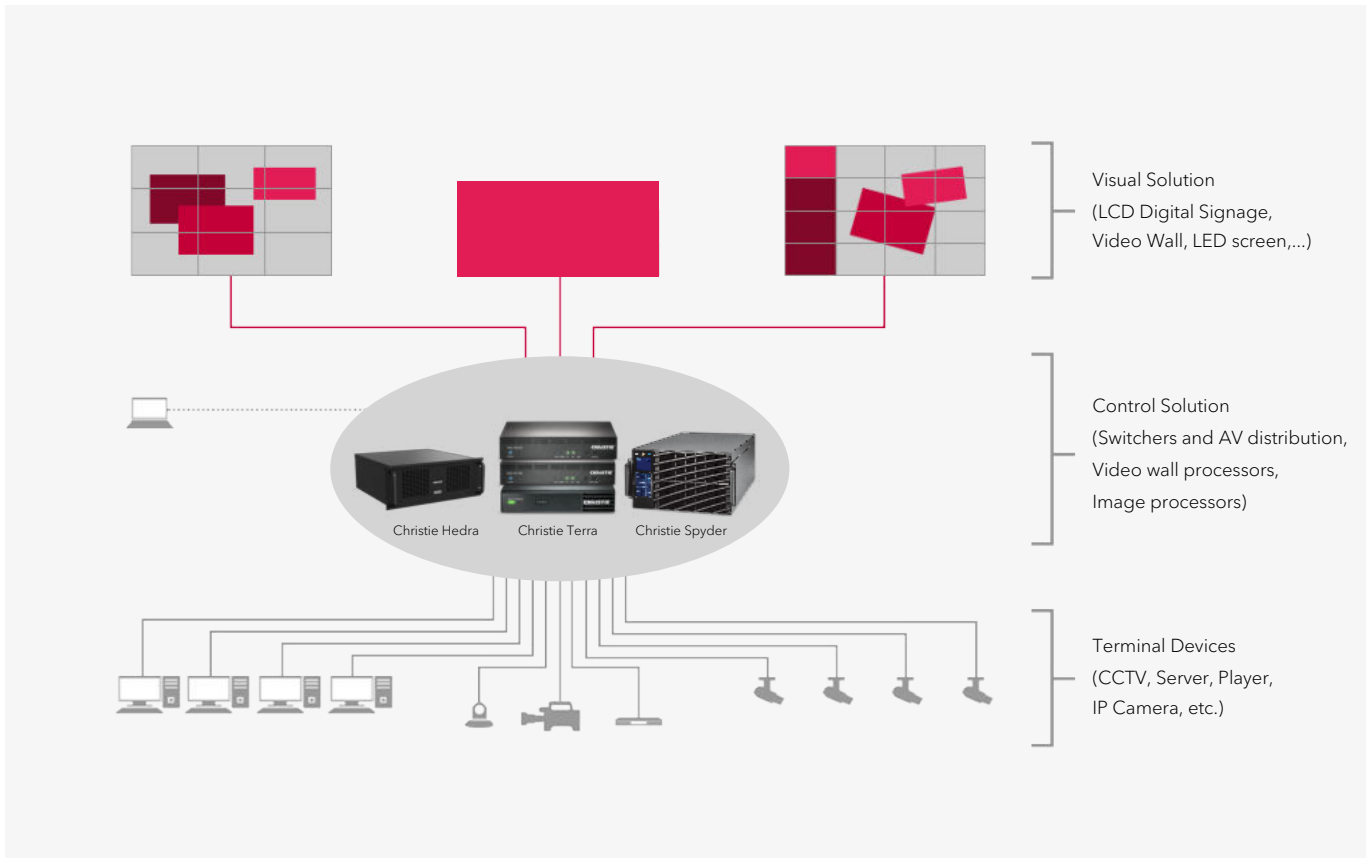


Christie Spyder

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## Technical specifications

### SA-SPI Series

Model	SA-SPI-P2.5	SA-SPI-P3	SA-SPI-P3.3	SA-SPI-P4	SA-SPI-P5	SA-SPI-P6.6	SA-SPI-P8	SA-SPI-P10
Pixel Pitch	2.5 mm	3.076 mm	3.33 mm	4 mm	5 mm	6.67 mm	8 mm	10 mm
LED Type	SMD1415	SMD1415	SMD1415	SMD1921	SMD1921	SMD2727	SMD3535	SMD3535
Physical Density (pixels/m <sup>2</sup> )	160,000	105,625	91,809	62,500	40,000	22,500	15,625	10,000
Module Size (mm) (W×H)	320x160	320x160	320x160	320x160	320x160	320x160	320x160	320x160
Module Resolution (pixels)	128x64	104x52	96x48	80x40	64x32	48x24	40x20	32x16
Cabinet Size (mm) (Customize)	960x960x108	960x960x108	960x960x108	960x960x108	960x960x108	960x960x108	960x960x108	960x960x108
Cabinet Resolution (pixels)	384x384	312x312	288x288	240x240	192x192	144x144	120x120	96x96
Cabinet Weight (kg)	28							
Maintenance Mode	Back maintenance							
Cabinet Material	Die-casting Aluminium							
Brightness (cd/m <sup>2</sup> )	5,000	5,500	5,500	5000	5,500	5,500	5,500	5,500
Viewing angle (H/V)	140°/140°							
Display Color	14 bit							
Contrast Ratio	10,000:1							
Frame Rate (Hz)	50/60							
Refresh Rate (Hz)	3,840							
Lifetime (hour)	100,000							
Drive Mode	Static, 1/16 Scan	Static, 1/13 Scan	Static, 1/12 Scan	Static, 1/10 Scan	Static, 1/8 Scan	Static, 1/4 Scan	Static, 1/2 Scan	Static, 1/2 Scan
The best viewing distance	2.5-10m							
Max Power Consumption (W/m <sup>2</sup> )	900							
Average Power Consumption (W/m <sup>2</sup> )	200							
Heat Output Per Sqm	890 BTU/hr typical, 2,500 BTU/hr maximum							
IP Rating Front / Rear	IP65							
Input Power	AC90-264V, 47-63 Hz							
Working Temperature/Humidity	-20~60°C/10%~90%RH (non condensing)							
Storage Temperature/Humidity	-20~60°C/10%~90%RH (non condensing)							
Certification*	CCC / CE / ROHS / FCC / CB / TUV / IEC							

\* 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.

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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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