



SMARTVISION

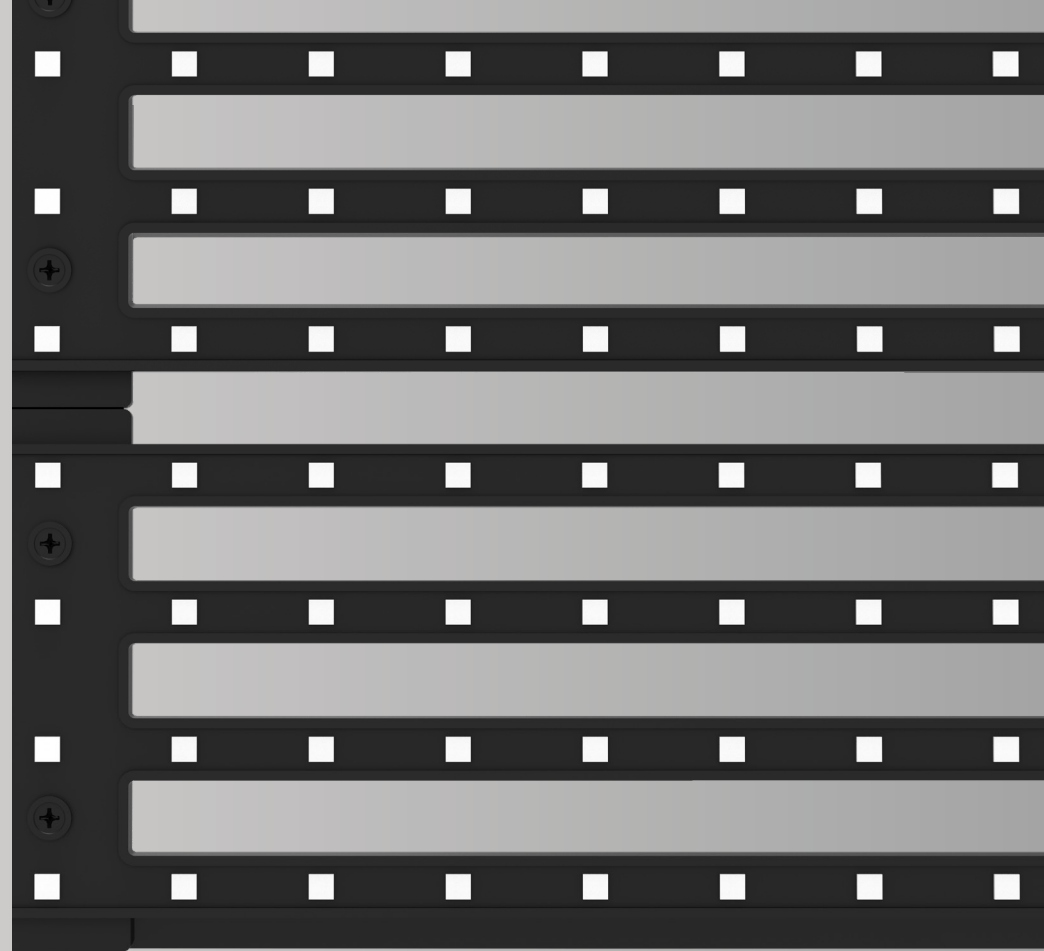
# S-LINE

## S18 LED VIDEO SCREEN | BLACK SERIES

The SACO Smartvision S-LINE is an innovative LED video screen system using state-of-the-art electronics in an easy to deploy, modular design. This tileable media system can be used in a multitude of applications, pre and post event entertainment, live event footage, advertising and messages. Varying pitches are available depending on desired resolution, and can even be combined for extra flexibility.

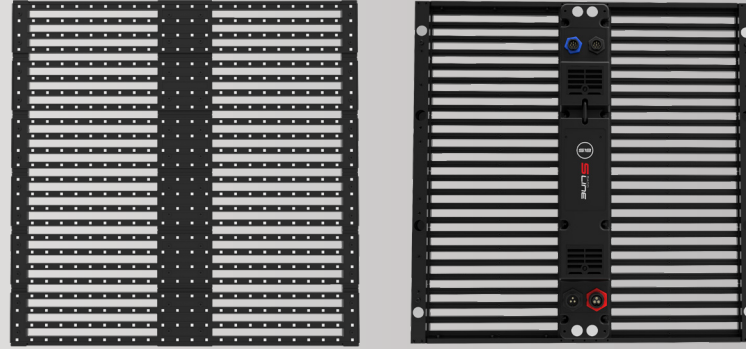
Based on SACO's proprietary V-Stream communication protocol, the S-LINE is fully compatible with SACO's C-THRU media touring solutions and SACO's line of video processors and video-enabled Shockwave light fixtures.

- DEEP COLOR** SACO's proprietary V-STREAM high-speed, high-resolution video pixel control. 16-bit data sampling for silky smooth gradients, with 65,536 shades per color.
- BUILT TO LAST** Sturdy construction built for outdoor endurance. Auto-addressing for easy field-servicing.
- COMPACT SIZE** Lightweight injected polymer construction. Tiles attach to shallow frames for slim profile video screen assembly.
- MODULAR** Varying mounting frame sizes to cover most tile combinations. Stack and connect frames of video tiles to suit. Variable pixel pitch, varying transparency depending on desired resolution.



ACTUAL SIZE

SACO



**PHYSICAL**

CONSTRUCTION	Machined high grade 6061-T6 aluminum mounting frame and header Injected polymer LED carriers, contrast plate and housing Sturdy black oxide coated steel hardware Black silicone electronics potting (temp range -49°F to 392°F, -45°C to 200°C) Front and rear access for serviceability
MOUNTING	Proprietary magna-mount system for toolless installation of tiles on frames Built-in, self-aligning latch system for sturdy, quick and consistent frame joining Storage and transport carts can be lined up and joined for fast screen setup
DIMENSIONS	Module dimensions: 17.6" wide x 17.6" high (448mm x 448mm)
SURFACE FINISH	Frame in standard brushed black anodized finish Tiles faces in matte black polymer
WEIGHT	7.3lb (3.3kg) per tile

**THERMAL**

HEAT CONTROL	Housing's back surface area for passive heat dissipation
OPERATING TEMP	32°F to 131°F (0°C to 55°C)

**ELECTRICAL**

INPUT VOLTAGE	100-240VAC
POWER	105W Maximum @ full white (per tile)
HARDWARE	LED status indicators Remote turn off of status LEDs for showtime

**LIGHT OUTPUT**

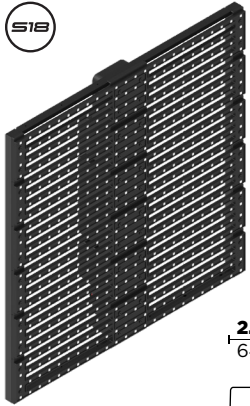
PIXEL TYPE	High brightness 3-in-1 LEDs by Nichia
PIXEL PITCH	0.7" (18mm)
PIXEL COUNT	24px wide x 24px high = 576px
COLOR DEPTH	16-bit High Color per channel (65,536 shades per channel) 48-bit Deep Color per pixel (281 trillions shades per pixel)
VIEWING ANGLE	Beam angle: 110° Field angle: 160°
TRANSPARENCY	40%
WHITE BALANCE	3500-9500K (Adjustable)
WHITE LUMINOSITY	5,000 cd/m2 @ 6500K (5,000 nits)

**ADDITIONAL INFORMATION**

WARRANTY	5 years
ORIGIN	Designed and made in North America



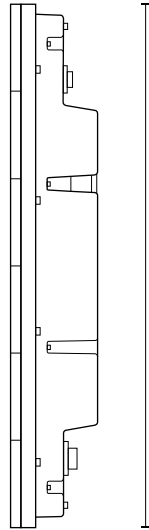
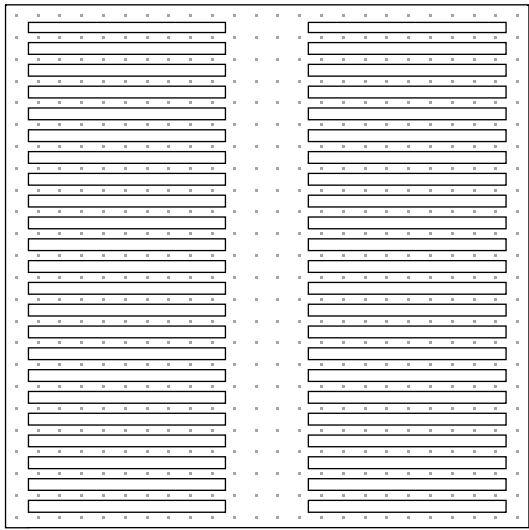
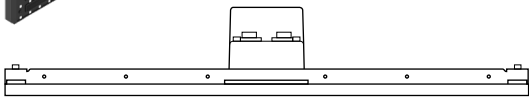
TILE DIMENSION GUIDE



2.5"  
64mm

2.1"  
53mm

2.9"  
75mm



17.6"  
448mm

17.6"  
448mm

0.3"  
18mm

-MODULE SECTION.  
(PIXEL PITCH IN GREY)

