SMARTVISION

S-LINE S12

ACTUAL SIZE
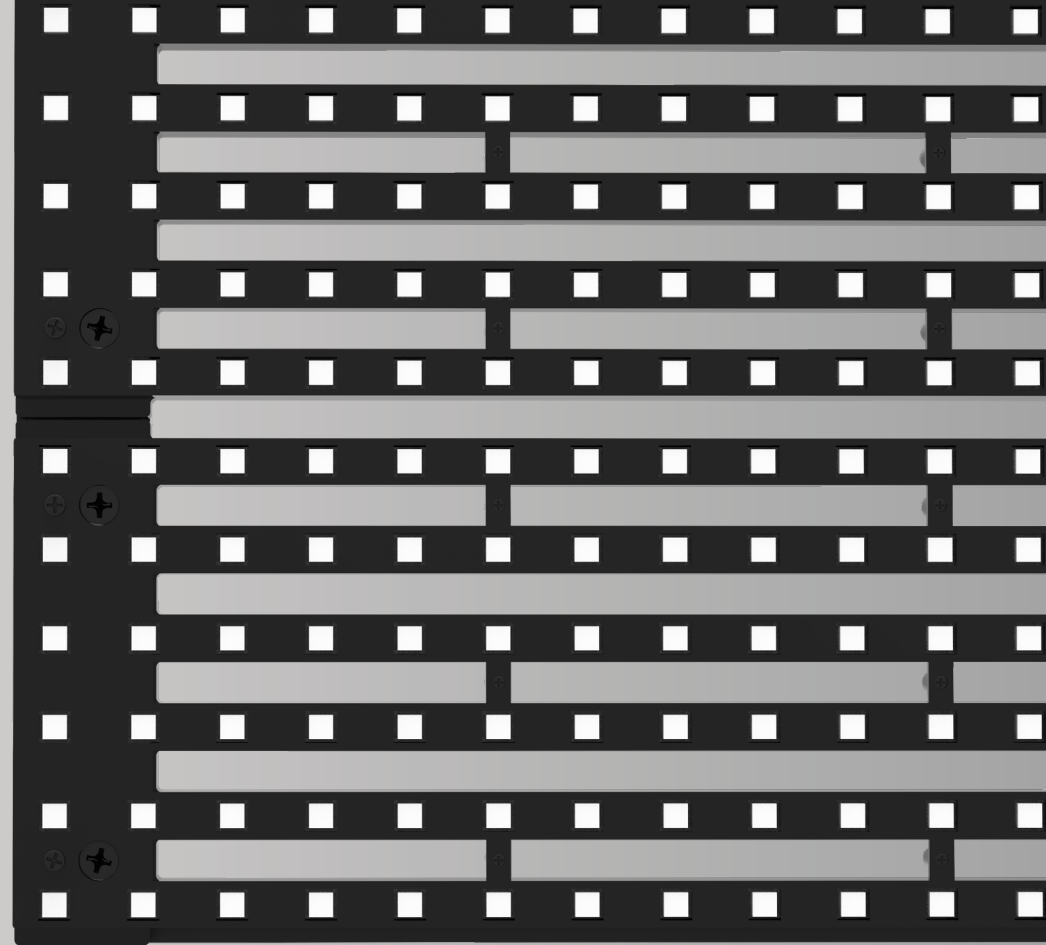
S12 LED VIDEO SCREEN | BLACK SERIES

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.
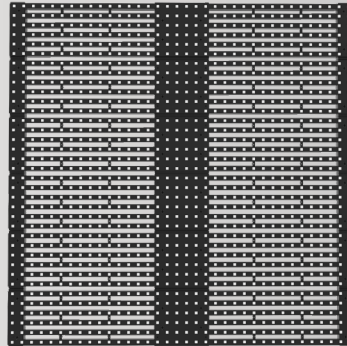
SACO

S-LINE S12

FEATURES GUIDE

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
0.5″ (12mm)

PIXEL COUNT
36px wide x 36px high = 1296px

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
20%

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

V2.1-2019-09

S-LINE S12

TILE DIMENSION GUIDE

S12

2.5"
64mm

2.1"
53mm

2.9"
75mm

17.6"
448mm

17.6"
448mm

-MODULE SECTION.
(PIXEL PITCH IN GREY)

0.5"
12mm

V2.1-2019-09

SACO

DRY