SigmaPix 39T1X2BF

Outdoor rental 3,9 mm LED screen, 50x100cm tile, Black LEDs

ORDER CODE: **SIGMAX39T1X2BF**

SigmaPix 39T is a rental LED screen for outdoor use with a 3,9 mm pixel pitch, designed to meet requirements for touring, events and install applications. The outdoor Black LEDs grant a high brightness but increase contrast and the color gamut of the screen for an unprecedented visual experience both indoor and outdoor. This series is available in both 50x50cm and 50x100cm tiles, mechanically compatible in order to assemble a large surface of screen in a shorter time.

The mechanical design of the tiles has been conceived to allow fast single person installation with automatic lock design and extra safety & handling features such as flip corner shield and bottom protection.

Panel maintenance has been furtherly enhanced allowing quick replacement of LED modules and the PSU unit.

SigmaPix 39T tiles have on board curve mechanics allowing both concave and convex precise installation of +10° / -10° each tile and the weight has been reduced down to 8,6 kg (50x50) / 14,6 kg (50x100) per panels (34,4 /29,2 kg per sqm)

SigmaPix 39T is truly creative and it is enriched by the special C tiles, a special 90° cutted edge panel on every side allowing to create 90° seamless corner on every edge.

The on-board electronics include the latest generation of Novastar A8s receiver card and refresh rate up to 3.840 Hz.

MAIN FEATURES

- Outdoor Black LEDs
- Single person installation, auto lock design, scratch protection and flip corner shield
- Fast LED Module and PSU replacement
- Built in curve mechanics for +10° / -10° concave & convex
- Special C (90° corner) cabinet for unprecedented design
- Refresh rate of 3.840 Hz

TECHNICAL SPECIFICATION

VIDEO

- Driver chip type:MBI 5253
- LED source: Nationstar SMD1921 full black
- Pixel pitch:3,9 mm
- Panel resolution:128x256 pixels
- Module resolution:64x64 pixels
- Luminous flux:3.500 nit
- Contrast:6.000:1
- Grayscale: 14 bit
- Refresh rate ≥:3.840 Hz
- Drive Mode: 1/16 scan, constan current
- Vertical viewing angle:120 °
- Horizontal viewing angle:140 °
- LED density:65.536 LED/sqm
- Dead Pixel Ratio:<0.002
- LED avg life span: 100.000

ELECTRICAL

- Power input/output: IPKON Seetronic IN/OUT
- Power supply: AC 110/230 V 50/60 Hz
- Max power consumption (panel):420 W
- Avg power consumption (panel):150 W
- Max power consumption (sqm):840 W
- Avg power consumption (sqm):300 W
- Standby power consumption (pannello):100 W
- Max rated current/panel::AC 220V / 1.91A
- Working temperature:-20°C / +50 °C
- Working humidity:10~90 RH %

CONTROL

- Receiving card type:A8S-N
- Other controllers type:mapping, firmware copy, RCFGX restore, calibration restore, rotation supported, calibration chip on LDM (auto calibration)
- Control protocol: Novastar
- Signal input: waterproof Seetronic RJ45
- Signal output: waterproof Seetronic RJ45

MECHANICS

- Magnetic LED modules:not available
- Other specifics:curve configurations (mechanics on board), corner protection, bottom protection, auto-lock mechanics
- Module size (WxH):250x250 mm
- Panel size(WxHxD):500×1000×83 mm
- Vertical hanging system: built-in aliscaf clamp support
- Cooling: natural cooling of the peculiar chassis and to absence of fans
- Connection: seamless locking system
- Curvability:convex and concave -10° / +10 °
- Body: die-cast aluminium housing
- Color: black
- IP rating:IP65 (front and rear)
- Panel weight:14,6 kg
- Weight per square meter:29,2 kg
- Hanging Panel Quantity ≤:10 for hanging and 6 for grounding
- Compliant Standard: CE, UKCA, cURus

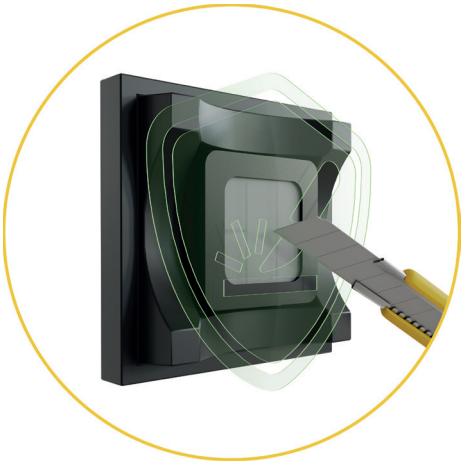
KsP images

Indoor White LEDs Outdoor Black LEDs

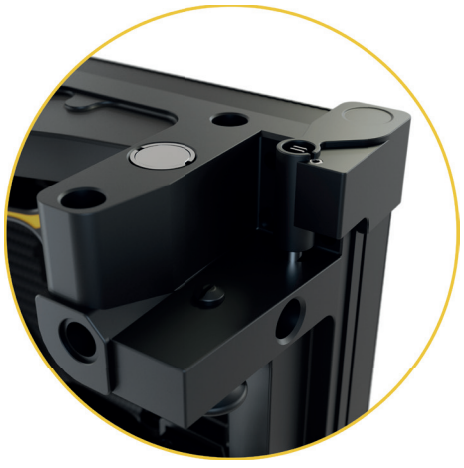
Single-Person Installation

Automatic Lock Design

Scratch Protection of the Lamp Face



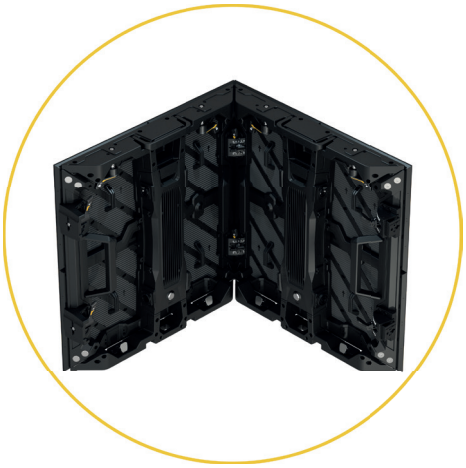
Flip Corners Shield and Bottom Protection



On Board Curve Mechanics +/- 10°

KsP images

Special C 90° Corner



Special S +/- 40° Flexible Tiles

Fast and Tool Free Replacement of PSU and LED Module

Refresh Rate of 3.840 Hz

Lightweight: Approx 23Kg/Sqm

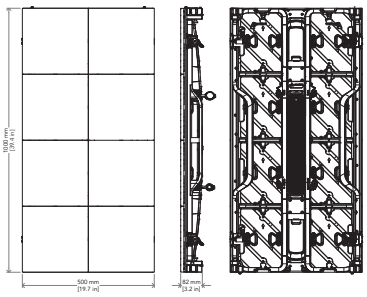
Novastar A8S Receiver Card

ACCESSORIES & RELATED PRODUCTS

	SXFCM40391X2	Flightcase 4 in1 for SIGMAX39T1X2
	SIGMAX39TC1X1WF	Outdoor rental 3,9 mm LED screen, 50x50cm tile with black LEDs
	KSXHGB01	Fly bar / ground bar for SIGMAX and KAPPAX systems, 1 column
	KSXHGB02	Fly bar / ground bar for SIGMAX and KAPPAX systems, 2 columns
	KSXHGB01C45LR	Double side 45° cut fly bar / ground bar for SIGMAX26BC1X1BF
	KSXCJB	Ground system back horizontal support for SIGMAX and KAPPAX series LED wall
	KSXBS21	2in1 back support for SIGMAX and KAPPAX series LED wall for ground system fixing
	KSXBS31	3in1 back support for SIGMAX and KAPPAX series LED wall for ground system fixing
	KSXBSC	Back plate for SIGMAX and KAPPAX series LED wall for ground system fixing
	KSXGHR	Back plate for SIGMAX and KAPPAX series LED wall for ground system fixing

	SXXJ	Metal joint used to connect 4 pcs SIGMAX series cabinets, M10 hole for clamp
	OXXJ	Metal joint used to connect 4 pcs OMEGAX or SIGMAX cabinets, M10 hole
	OXFCIS100	Rigging/ground-stack structure flightcase OMEGAX-DELTAX LED-display, 100cm
	OXFCIS200	Rigging/ground-stack structure flightcase OMEGAX-DELTAX LED-display, 200cm
	OXFCSP	Spare part flightcase for OMEGAX-DELTAX series LED-display
	OXACL01/10	Power cable for OMEGAX and DELTAX LED display series L.1/10 m
	SXDC01/10	Data cable for SIGMAX LED display series assembled with RJ45
	SIGMAXCMM	Optional male mechanics for SIGMAXC cabinets for corner / cube configurations
	SIGMAXCFM	Optional female mechanics for SIGMAXC cabinets for corner / cube configurations

TECHNICAL DRAWINGS



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