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SigmaPix 26B1X1BF

ORDER CODE: SIGMAX26B1X1BF



IP rating

IP30

SigmaPix 26B is a rental LED screen for indoor use with a 2,6 mm pixel pitch, designed to meet requirements for corporate, studio and install applications.
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 26B 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 kg per panels (32 kg per sqm)
SigmaPix 26B is truly creative and it is enriched by the special S and C tiles to achieve unprecedented design. The S tile is a flexible panel, that it is designed with a flex PCB allowing to reach a curve angle of +40° and - 40° within one single cabinet.
The C Tile is 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

- 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 S (+/-40° flex tiles) and C (90° corner) cabinets for unprecedented design
- Refresh rate of 3.840 Hz

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PROLIGHTS

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TECHNICAL SPECIFICATIONS

VIDEO

- Driver chip type: MBI 5253
- LED source: Kinglight SMD 1515 full black
- Pixel pitch: 2.6 mm
- Panel resolution: 192x192pixels
- Module resolution: 96x96pixels
- Luminous flux: 1000nit
- Contrast: 4.000:1
- Grayscale: 14 bit
- Refresh rate ≥: 3.840Hz
- Drive Mode: 1/24 scan, constan current
- Vertical viewing angle: 160°
- Horizontal viewing angle: 160°
- LED density: 147.456LED/sqm
- Dead Pixel Ratio: <0.002
- LED avg life span: 100.000 h

CONTROL

- Receiving card: 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

INSTALLATION

- Curve configurations: convex and concave -10° / +10°

CERTIFICATIONS / REPORTS

- Compliance: CE, UKCA, cURus

ELECTRICAL

- Power input/output: IPKON Seetronic IN/OUT
- Power supply: AC 110/230 V 50/60 Hz
- Max power consumption (panel): 120W
- Avg power consumption (panel): 35W
- Max power consumption (sqm): 480W
- Avg power consumption (sqm): 140W
- Standby power consumption (pannello): 35W
- Max rated current/panel:: AC220V / 0.55A
- Working temperature: -10°C / +45°C
- Working humidity: 10~80 RH%

MECHANICS

- Other specifics: curve configurations (mechanics on board), corner protection, bottom protection, auto-lock mechanics
- Magnetic LED modules: available
- Module size (WxH): 250x250mm
- Panel size(WxHxD): 500×500x83mm
- Vertical hanging system: built-in aliscaf clamp support
- Connection: seamless locking system
- Panel weight: 8kg
- Weight per square meter: 32kg
- Hanging Panel Quantity ≤: 20 for hanging and 12 for stacking

PHYSICAL

- IP rating: IP30
- Cooling: fan-free with natural convection
- Housing: Die-cast aluminium housing
- Finish: black

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ACCESSORIES & RELATED PRODUCTS



SXFCM80261X1
Flightcase 8 in1 for SIGMAX26B1X1BF and SIGMAX26BS1X1BF



SIGMAX26BS1X1BF
Indoor LED S module, SMD1515 BF, p.2,6mm, 50x50cm, 192x192pix, 1000nit, 8kg



KSXHGB01
Fly bar / ground bar for SIGMAX and KAPPAX systems, 1 column



KSXHGB02
Fly bar / ground bar for SIGMAX and KAPPAX systems, 2 columns



KSXHGB01SLR
Fly bar / ground bar for SIGMAX26BS1X1BF



KSXHGB01C45LR
Double side 45° cut fly bar / ground bar for SIGMAXC cabinets



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
Ground system back horizontal reinforcement for SIGMAX & KAPPAX series LED wall



SXXJ
Metal joint used to connect 4 pcs SIGMAX series cabinets



OXXJ
Metal joint used to connect 4 pcs OMEGAX or SIGMAX cabinets, M10 hole



OXFCIS150
Rigging/ground-stack structure flightcase for all LEDScreen series, 150cm



OXFCIS100
Rigging/ground-stack structure flightcase for all LEDScreen, 100cm



OXFCIS200
Rigging/ground-stack structure flightcase for all LEDScreen series, 200cm



OXFCSP
Spare part flightcase for OMEGAX-DELTAX series LED-display



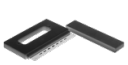
OXACL01
Power cable for LED display series, Seetronic, L.140 cm



OXACL10
Power cable for LED display series, Seetronic, L.10 m

SXDCL01
Data cable for SIGMAX LED display series assembled with RJ45, IP65, L 140 cm

SXDCL10
Data cable for SIGMAX LED display series assembled with RJ45, IP65, L 10 m



FMTOOL
Front maintenance tool for OMEGAX-DELTAX series LED screens (INDOOR)

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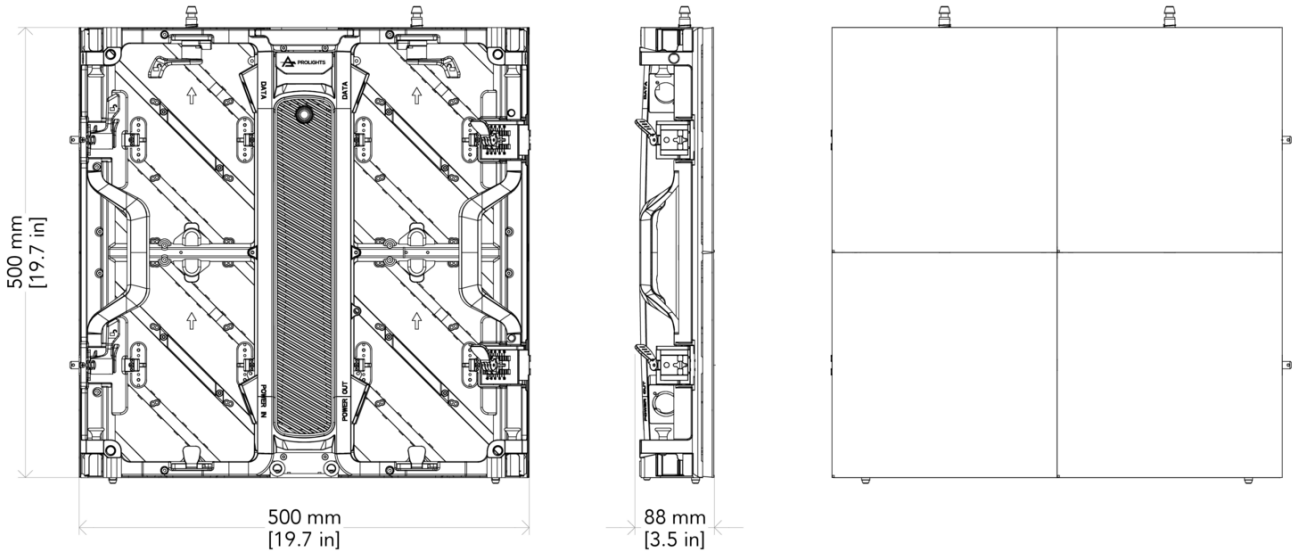
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ACCESSORIES & RELATED PRODUCTS



MRTOOL
Mask Replacement TOOL for OMEGAX26B and OMEGAX26BE

TECHNICAL DRAWINGS



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