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OmegaPix 39B

ORDER CODE: OMEGAX39B



IP rating

IP30

OmegaPix 39B is a revolutionary indoor 3,9 mm LED screen rental panel, designed to offer advanced mechanical features, more creative configurations and empowered video image quality.

Mechanical / assembly features:

- Curve configurations both concave and convex through curving mounting plates (0-10 concave, 0-5 convex)
- Seamless 90° corners through special 45° cutter cabinets (left & right version available)
- Front service of magnetic replacement of the LED module for immediate service
- Climbable, designed for a quick maintenance access
- Hot swapping of the back panel to replace PSU & electronics
- Assisted mounting magnets for 1 man quick setup
- Ground stacking accessories available
- Corner protection for safe transport in case
- Velcro on the edges to don't see gaps
- Fly bars are suitable for both hanging or ground stacking application

Components / electronic features:

- Premium components
- Module with memory to store calibration database
- Magnetic front and back LED module replacement
- Black&White& White mask for superior contrast and rentability
- 18 bit+ greyscale (4 times high than market average)
- Rotation function enabled
- New Novastar A8s receiver
- IP powerCON IN/OUT
- IP dataCON IN/OUT
- CE, EMC, UL approved

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PROLIGHTS

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Image quality:

- New Novastar A8s Receiving card
- 18 bit+ Greyscale, 4 time higher than the market average. Effectively improve greyscale performance under low brightness, showing more exquisite and more expressive images
- Clearview technology, by adjusting the texture, size and contrast of images in different areas to further enhance the image details
- Smart gamma correction: gamma correction is automatically applied according to the display brightness, achieving a better greyscale performance and providing clearer pictures
- Rotation enabled: rotation of panels recognized by software @ 360°
- RCFGX restore, firmware copy, mapping MCTRLR5 sending fully supported

MAIN FEATURES

- 3.9 mm pixel pitch indoor rental LED Screen
- Seamless 90° angles
- Curve configurations, concave and convex
- Fly bar hanging/stacking
- New Novastar A8s with 18bit+, Clearview and image rotation

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PROLIGHTS

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TECHNICAL SPECIFICATIONS

VIDEO

- Driver chip type: MBI 5124
- LED source: SMD 2121 full black
- Pixel pitch: 3.9 mm
- Panel resolution: 128x128pixels
- Module resolution: 64x64pixels
- Luminous flux: 1.000nit
- Contrast: 3.000:1
- Grayscale: 14 bit
- Refresh rate ≥: 1.920Hz
- Drive Mode: 1/16 scan, constan current
- Vertical viewing angle: 120°
- Horizontal viewing angle: 140°
- LED density: 65.536LED/sqm
- Dead Pixel Ratio: <0,002
- LED avg life span: 100.000 h

CONTROL

- Receiving card: A8S
- Other controllers type: rotation, 18bit+, clearview, mapping, firmware copy, RCFGX restore, calibration restore
- Control protocol: Novastar
- Signal input: IP data Seetronic IN
- Signal output: IP data Seetronic OUT

INSTALLATION

- Curve configurations: concave 2°, 5°, 10° - convex 2°, 5°

CERTIFICATIONS / REPORTS

- Compliance: CE, EMC, UL

ELECTRICAL

- Power input/output: IPKON Seetronic IN/OUT
- Power supply: AC 110/230 V 50/60 Hz
- Max power consumption (panel): 160W
- Avg power consumption (panel): 53W
- Max power consumption (sqm): 640W
- Avg power consumption (sqm): 212W
- Standby power consumption (pannello): 20W
- Max rated current/panel:: AC 220 V / 0.55 A
- Working temperature: -10°C / +45°C
- Working humidity: 10~80 RH%

MECHANICS

- Other specifics: curve configurations, climbable, rear panel swapping, corner protection for transport, velcro strips for gapless mounting
- Magnetic LED modules: available
- Module size (WxH): 250x250mm
- Panel size(WxHxD): 500x500x90,6mm
- Vertical hanging system: built-in aliscaf clamp support
- Connection: seamless locking system
- Panel weight: 9kg
- Weight per square meter: 36kg
- Hanging Panel Quantity ≤: 20

PHYSICAL

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

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ACCESSORIES & RELATED PRODUCTS



OMEGAX39C45RB
45° R indoor LED mod, SMD2121 BF, p3,9mm, 50x50cm, 128x128pix, 1.000 nit, 9kg



OMEGAX39C45LB
45° L indoor LED mod, SMD2121 BF, p3,9mm, 50x50cm, 128x128pix, 1.000 nit, 9kg



OXFCM8026
Flightcase for 8 pcs OMEGAX26B-39B series LED-display, 1.200x600x806 mm



OXDCL01
Data cable for OMEGAX LED display series assembled with RJ45, Seetronic, IP65, L.1,4 m



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



OXHGB01
Fly bar and GroundBar for OMEGAX26B and OMEGAX39T systems, 1 column



OXHGB02
Fly bar and GroundBar for OMEGAX26B and OMEGAX39T systems, 2 column



OXBS21
Back narrow vertical support 2 in 1



OXBS41
Back narrow vertical support 4 in 1



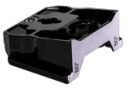
OXBSC
Back support connectors



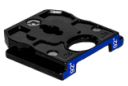
OXCJ88
Cabinet curve plate concave, 2°



OXCJ85
Cabinet curve plate concave, 5°



OXCJ80
Cabinet curve plate concave, 10°



OXCJ92
Cabinet curve plate convex, 2°



OXCJ95
Cabinet curve plate convex, 5°



OXCJB
Ground system back horizontal support for OMEGAPIX series LED wall



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



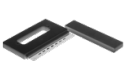
OXFCIS200
Rigging/ground-stack structure flightcase for all LEDScreen series, 200cm



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



NOVAMCTRLR5
Video processor sender, res. 3840x1080, 8xRJ45 out, 4.6 kg



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



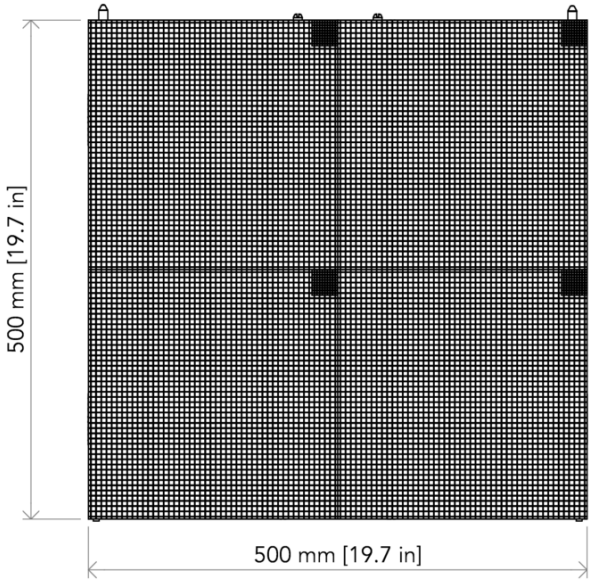
OXXJ
Metal joint used to connect 4 pcs OMEGAX or SIGMAX cabinets, M10 hole

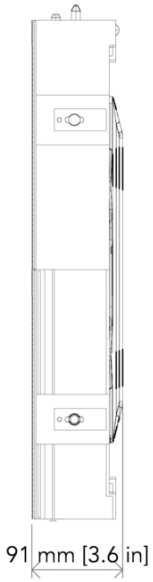
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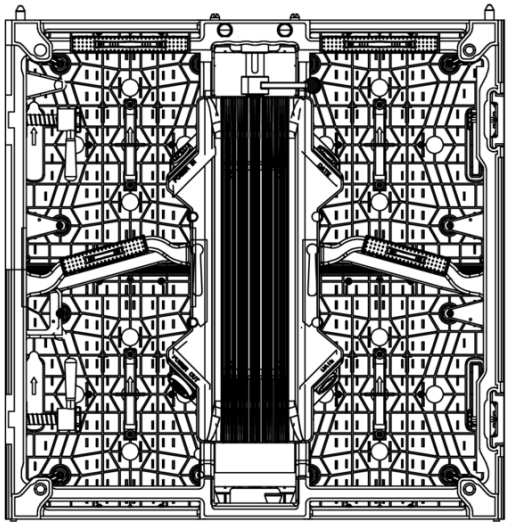
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TECHNICAL DRAWINGS







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