REM 3IP

REM 3IP is a bright, 3.9mm pitch indoor/outdoor hybrid video wall solution featuring integrated curving capabilities, a wide DCI-P3 color gamut, and high-speed processing for superior visual performance.
Ideally suited for outdoor rental markets and high-quality indoor applications on live stages and at events demanding top-tier video processing and low latency.

- Delivers a powerful 4,500 NITS of calibrated illuminance for bright outdoor visibility.
- Achieves a 7,680 Hz refresh rate for flicker-free, camera-friendly operation.
- Features universal magnetic LED modules for fast assembly and simple field servicing.
- Spring-loaded corner protection automatically deploys to prevent damage during transport and setup.
- Operates on the Novastar VMP platform for powerful and scalable video wall control.
- An anti-reflective coating on LED modules ensures optimal viewing in various lighting conditions.

SPECIFICATIONS

Optical

Light Source: 32,768 LEDs (tri-color RGB) SMD 1921 (Black frame, white reflector), 100,000 hours life expectancy

Color Wavelength: red (615 to 630 nm), green (520 to 535 nm), blue (465 to 480 nm)

Color Space: DCI-P3

Viewing Angle (H/V): 140°/140°

Calibrated Illuminance: 4,500 NITS (calibrated)

Maximum Illuminance: >5,000 NITS (calibration disabled)

Grayscale: 22-bit+

Receiver Card: A10s Pro

Drive Type: 1/16

Pixels: 128 x 256

Pixel Pitch: 3.9 mm

Minimum Viewing Distance: 7.5 ft (2.3 m)

Pixel Density: 65,536/m2

Display Refresh Rate: 7,680 Hz (S-PWM)

Construction / Physical

Dimensions: 19.69 x 3.25 x 39.37 in (500 x 82.5 x 1000 mm)

Weight: 31.2 lb (14.15 kg)

Threaded Bolt: M10, 1.5

Exterior Color: Black

Housing Material: Aluminum ADC12

LED Module Material: Glass filled Polycarbonate

Maximum vertical hang: 11 panels

Connections

Power Connection: Edison (local) plug to Seetronic® powerKON®

Power Input: Seetronic® powerKON®

Power Output: Seetronic® powerKON®

Data Connectors: Seetronic® etherKON®

Cable Length (signal extension): 4 ft (1.2 m)

Cable Length (power): 4 ft (1.2 m)

Cable Length (power extension): 6 ft (1.8 m)

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Control

Control Protocol: Novastar VMP platform

Recommended Processor/Driver: Novastar MX40 Pro

Panel Resolution (L x H): 128 x 256

Maximum Panels / Novastar MX40 Pro (20 ports):

24 Hz — 8-bit video source: 50/port, up to 1,000/Processor/Sender
24 Hz — 10-bit video source: 37/port, up to 740/Processor/Sender
24 Hz — 12-bit video source: 25/port, up to 500/Processor/Sender
30 Hz — 8-bit video source: 40/port, up to 800/Processor/Sender
30 Hz — 10-bit video source: 30/port, up to 600/Processor/Sender
30 Hz — 12-bit video source: 20/port, up to 400/Processor/Sender
60 Hz — 8-bit video source: 20/port, up to 400/Processor/Sender
60 Hz — 10-bit video source: 15/port, up to 300/Processor/Sender
60 Hz — 12-bit video source: 10/port, up to 200/Processor/Sender
120 Hz — 8-bit video source: 10/port, up to 200/Processor/Sender
120 Hz — 10-bit video source: 7/port, up to 140/Processor/Sender
120 Hz — 12-bit video source: 5/port, up to 100/Processor/Sender
144 Hz — 8-bit video source: 8/port, up to 160/Processor/Sender
144 Hz — 10-bit video source: 6/port, up to 120/Processor/Sender
144 Hz — 12-bit video source: 4/port, up to 80/Processor/Sender

Maximum Panels Tall/ Novastar MX40 Pro: (adjust input/source resolution as needed): 4 @ 1080 height 5 @ 1344 height 6 @ 1680 height 8 @ 2160 height

Maximum Panels Wide/ Novastar MX40 Pro: (adjust input/source resolution as needed): 15 @ 1920 wide resolution 30 @ 3840 wide resolution 64 @ 8192 wide resolution

Electrical

Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)

Power Linking: 5 units @ 120 V; 10 units @ 208 V; 11 units @ 230 V

Power and Current: 300 W, 2.5 A @ 120 V, 60 Hz

Power and Current: 300 W, 1.44 A @ 208 V, 60 Hz

Power and Current: 300 W, 1.3 A @ 230 V, 50 Hz

Certifications / Qualifications

Certifications: CE, MET, FCC

MET Listing Number: E113093-1110, E113093-1125

US Safety: UL 60950-1

Canadian Safety: CSA C22.2 No. 60950-1

IP Rating: IP65/IP54

Thermal Dissipation @120V: 1,024 BTU per hour

Thermal Dissipation @ 208V: 1,024 BTU per hour

Thermal Dissipation @ 230V: 1,024 BTU per hour

Operating Temperature: -4 °F to 122 °F (-20 °C to 50 °C)

Required Accessories

Required Software: Nova VMP
Controller (required): Novastar MX40 Pro
Compatible Mounting Options: REM Rig Bar (0.5 m, 1 m lengths offered), M10, 1.5 bolt/clamp (rear or surface mounting), GROUNDSUPPORT2KIT (floor mounting)

Optional Accessories

Clamps
Neutrik powerKON cables
Neutrik etherCON cables
REM-RB100CMIP
REM-RB50CMIP
GROUNDSUPPORT2KIT
MT07 Universal Module Removal Tool

What's Included

4 REM3IP
1 Seetronic® powerKON® power cord
4 Seetronic® powerKON® power linking cords
4 Seetronic® etherKON® signal linking cords
5 pcs spare LED masks
User Manual

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