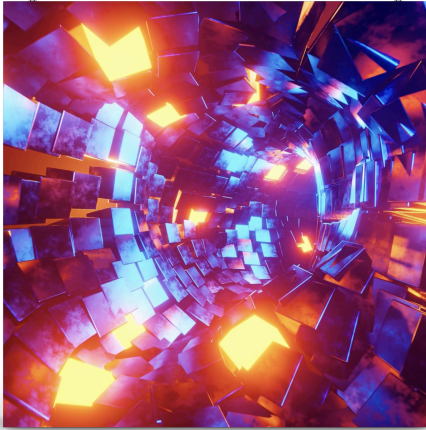


REM 3IP SQ



A bright 4500-NITS indoor/outdoor hybrid video wall solution with a 3.9mm pitch, integrated curving capabilities, and an expanded DCI-P3 color gamut for superior visual performance.

Perfect for broadcast, outdoor rental, and live event applications requiring top-tier on-camera performance and vibrant, low-latency visuals.

- Delivers a flicker-free 7,680 Hz refresh rate ideal for broadcast and on-camera applications.
- Features a Novastar A10s Pro receiver card for 22-bit+ grayscale and precise color reproduction.
- Employs hot-swappable magnetic LED modules with onboard calibration for rapid service and uniformity.
- Built with corner protectors and an impact-resistant frame for durability in rental applications.
- Offers versatile rigging options including overhead hanging, ground stacking, and direct wall mounting.
- Houses 32,768 long-life SMD 1921 LEDs with a wide 140-degree viewing angle.

SPECIFICATIONS

Optical

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

Color Wavelength: red (620 to 625 nm), green (512 to 532 nm), blue (460 to 475 nm)

Color Space: DCI-P3

Viewing Angle (H/V): 140°/140°

Calibrated Illuminance: 4,500 NITS

Maximum Illuminance: >5,000 NITS

Contrast Ratio: 18,500:1

Grayscale: 22-bit+

Receiver Card: A10s Pro

Drive Type: 1/16

Pixels: 128 x 128

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)

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)

Construction / Physical

Dimensions: 19.69 x x.xx x 39.37 in (500 x xx.x x 1000 mm)

Weight: 18.2 lb (8.26 kg)

Threaded Bolt: M10, 1.5

Exterior Color: Black

Housing Material: Aluminum ADC12

LED Module Material: Glass filled Polycarbonate

Maximum vertical hang: 11 panels

Control

Control Protocol: Novastar VMP platform

Recommended Processor/Driver: Novastar MX40 Pro

Panel Resolution (L x H): 128 x 128

Maximum Panels / Novastar MX40 Pro (20 ports):

24 Hz — 8-bit video source: 100/port, up to 2,000/Processor/Sender

24 Hz — 10-bit video source: 75/port, up to 1,500/Processor/Sender

24 Hz — 12-bit video source: 50/port, up to 1,000/Processor/Sender

30 Hz — 8-bit video source: 80/port, up to 1,600/Processor/Sender

30 Hz — 10-bit video source: 60/port, up to 1,200/Processor/Sender

30 Hz — 12-bit video source: 40/port, up to 800/Processor/Sender

60 Hz — 8-bit video source: 40/port, up to 800/Processor/Sender

60 Hz — 10-bit video source: 30/port, up to 600/Processor/Sender

60 Hz — 12-bit video source: 20/port, up to 400/Processor/Sender

120 Hz — 8-bit video source: 20/port, up to 400/Processor/Sender

120 Hz — 10-bit video source: 15/port, up to 300/Processor/Sender

120 Hz — 12-bit video source: 10/port, up to 200/Processor/Sender

144 Hz — 8-bit video source: 16/port, up to 320/Processor/Sender

144 Hz — 10-bit video source: 12/port, up to 240/Processor/Sender

144 Hz — 12-bit video source: 8/port, up to 160/Processor/Sender

Maximum Panels Tall/ Novastar MX40 Pro: (adjust input/source resolution as needed): 8 @ 1080 height 10 @ 1344 height 13 @ 1680 height 16 @ 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: 11 units @ 120 V; 21 units @ 208 V; 23 units @ 230 V

Power and Current: 150 W, 1.25 A @ 120 V, 60 Hz

Power and Current: 150 W, 0.72 A @ 208 V, 60 Hz

Power and Current: 150 W, 0.65 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, dry location

Thermal Dissipation @120V: 511 BTU per hour

Thermal Dissipation @ 208V: 511 BTU per hour

Thermal Dissipation @ 230V: 511 BTU per hour

Operating Temperature: -4 °F to 113 °F (-20 °C to 45 °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), GROUNDSTACKKIT (floor mounting/stacking)

Optional Accessories

Clamps

Seetronic IP PowerKON cables

Neutrik etherCON cables

REM-RB100CMIP

REM-RB50CMIP

GROUNDSTACKKIT

MT07 Universal Module Removal Tool

What's Included

8 REM3IPSQ

1 Seetronic® powerKON® power cord

8 Seetronic® powerKON® power linking cords

8 Seetronic® etherKON® signal linking cords

5 pcs spare LED masks

User Manual