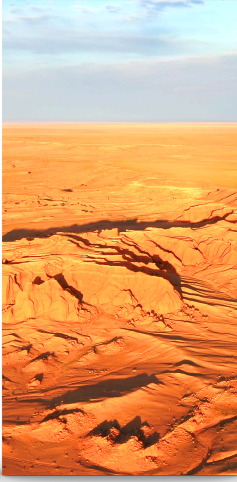


REM 1



A high-performance 1.9mm pitch indoor video wall solution offering integrated convex/concave curving, a wide DCI-P3 color gamut, and high-speed processing for stunning, low-latency visuals.

Its low latency and superior color fidelity make it the perfect choice for live stages, broadcast studios, and high-stakes corporate installations.

- Features a Novastar A10s Pro receiver card for superior 22-bit+ grayscale and HDR10 support.
- Delivers a flicker-free 7,680 Hz refresh rate for pristine on-camera performance in broadcast.
- Offers universal magnetic LED modules for rapid, tool-free front or rear servicing and replacement.
- Integrated magnetic-assisted hanging and corner protectors simplify assembly and prevent damage during setup.
- An anti-reflective coating on the LED modules reduces glare and enhances viewing comfort.
- Available in two panel sizes with versatile hanging, stacking, or wall mounting rigging options.

SPECIFICATIONS

Optical

Light Source: 131,072 LEDs (tri-color RGB) SMD 1212, 100,000 hours life expectancy

LED Color Wavelength: red (620 to 625 nm), green (510 to 535 nm), blue (485 to 475 nm)

Color Space: DCI-P3

Viewing Angle (H/V): 140°/140°

Calibrated Illuminance: 800 NITS (calibrated)

Maximum Illuminance: >1,000 NITS (calibration disabled)

Grayscale: 22-bit+

Receiver Card: A10s Pro

Drive Type: 1/21

Pixels: 256 x 512

Pixel Pitch: 1.9 mm

Minimum Viewing Distance: 7.5 ft (2.3 m)

Pixel Density: 262,144/m²

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

Construction / Physical

Dimensions: 19.69 x x.xx x 39.37 in (500 x x.xx 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): 4.6 ft (1.4 m)

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

Control

Control Protocol: Novastar VMP platform

Recommended Processor/Driver: Novastar MX40 Pro

Panel Resolution (L x H): 256 x 512

Maximum Panels / Novastar MX40 Pro (20 ports):

HDR off, 24 Hz — 8-bit: 12/port, up to 240/Processor/Sender

HDR off, 24 Hz — 10-bit: 9/port, up to 180/Processor/Sender

HDR off, 24 Hz — 12-bit: 6/port, up to 120/Processor/Sender

HDR off, 30 Hz — 8-bit: 7/port, up to 140/Processor/Sender

HDR off, 30 Hz — 10-bit: 7/port, up to 140/Processor/Sender

HDR off, 30 Hz — 12-bit: 5/port, up to 100/Processor/Sender

HDR off, 60 Hz — 8-bit: 5/port, up to 100/Processor/Sender

HDR off, 60 Hz — 10-bit: 3/port, up to 60/Processor/Sender

HDR off, 60 Hz — 12-bit: 2/port, up to 40/Processor/Sender

HDR off, 120 Hz — 8-bit: 2/port, up to 40/Processor/Sender

HDR off, 120 Hz — 10-bit: 1/port, up to 20/Processor/Sender

HDR off, 120 Hz — 12-bit: 1/port, up to 20/Processor/Sender

HDR off, 144 Hz — 8-bit: 2/port, up to 40/Processor/Sender

HDR off, 144 Hz — 10-bit: 1/port, up to 20/Processor/Sender

HDR off, 144 Hz — 12-bit: 1/port, up to 20/Processor/Sender

Electrical

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

Power Linking: 7 units @ 120 V; 12 units @ 208 V; 14 units @ 230 V

Power and Current: 240 W, 2.0 A @ 120 V, 60 Hz

Power and Current: 240 W, 1.15 A @ 208 V, 60 Hz

Power and Current: 240 W, 1.04 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: IP30, dry location

Thermal Dissipation @ 120V: 819 BTU per hour

Thermal Dissipation @ 208V: 819 BTU per hour

Thermal Dissipation @ 230V: 819 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 bolt/clamp (rear or surface mounting), GROUND SUPPORT 2KIT (floor mounting)

Optional Accessories

Clamps

Neutrik powerKON cables

Neutrik etherCON cables

REM-RB100CMIP

REM-RB50CMIP

GROUND SUPPORT 2KIT

MT07 Universal Module Removal Tool

What's Included

4 REM1

1 Seetronic® powerKON® power cord

4 Seetronic® powerKON® power linking cords

4 Seetronic® etherKON® signal linking cords

5 pcs spare LED masks

User Manual