

REM MIRA 1.9mm

A high-performance indoor video wall solution delivering premium, low-latency visuals with a thin, front-serviceable magnetic design for simplified direct wall mounting and maintenance.

Perfectly suited for broadcast studios, virtual production sets, and premium corporate environments requiring exceptional on-camera performance and a sleek, integrated installation.



- Features a high-resolution 1.9 mm pixel pitch for crisp, detailed visuals at close viewing distances.
- Delivers a wide DCI-P3 color gamut and 1000 NITS calibrated brightness for vibrant, accurate visuals.
- Ensures flicker-free on-camera performance with a high-performance 3,840 Hz refresh rate and low latency.
- Universal magnetic LED modules allow for rapid front-side replacement and simplified on-site servicing.
- Offers native compatibility with COEX VMP and MX-series processors for streamlined system control.
- Available in two panel sizes with integrated linking hardware to simplify and accelerate screen assembly.

SPECIFICATIONS

Optical

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

Color Wavelength: red (620 to 625 nm), green (510 to 535 nm), blue (458 to 475 nm)

Color Space: DCI-P3

Viewing Angle (H/V): 140°/140°

Calibrated Illuminance: 1000 NITS (calibrated)

Maximum Illuminance: >1,050 NITS (calibration disabled)

Contrast Ratio: 8,500:1

Grayscale: 22-bit+

Receiver Card: A10s Pro

Drive Type: 1/32

Pixels: 512 x 256

Pixel Pitch: 1.9 mm

Minimum Viewing Distance: 7.5 ft (2.3 m)

Pixel Density: 262,144/m²

Display Refresh Rate: 3,840 Hz (S-PWM)

Construction / Physical

Dimensions: 39.37 x 19.69 x 1.84 in (1000 x 500 x 46.8 mm)

Weight: 24.38 lb (11.06 kg)

Threaded Bolt: M10, 1.5

Exterior Color: Black

Housing Material: Aluminum ADC12

Connections

Power Connection: Locking IEC to bare-ended (sold separately)

Power Input: IEC

Power Output: IEC

Data Connectors: Ethernet RJ-45

Cable Length (signal extension): 2 ft (0.61 m)

Cable Length (power): 32.9 ft (10 m)

Cable Length (power extension): 2 ft (0.61 m)

Control

Control Protocol: Novastar VMP platform

Recommended Processor/Driver: Novastar MX40 Pro

Panel Resolution (L x H): 512 x 256

Maximum Panels Tall / Novastar MX40 Pro (adjust input/source resolution as needed):

1080 height: 4

1344 height: 5

1680 height: 6

2160 height: 8

Maximum Panels Wide / Novastar MX40 Pro (adjust input/source resolution as needed):

1920 width: 3

3840 width: 7

8192 width: 16

Electrical

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

Power Linking: 6 units @ 120 V; 10 units @ 208 V; 11 units @ 230 V;
12 units @ 240 V

Power and Current: 253 W, 2.1 A @ 120 V, 60 Hz

Power and Current: 253 W, 1.21 A @ 208 V, 60 Hz

Power and Current: 253 W, 1.1 A @ 230 V, 50 Hz

Power and Current: 253 W, 1.05 A @ 240 V, 50 Hz [# A inrush]

Certifications / Qualifications

IP Rating: IP20 (indoor)

Required Accessories

Required Software: Novastar COEX VMP

Controller (required): Novastar MX-series

Compatible Mounting Options: Rear M10 threaded inserts.

MT07 Universal Module Removal Tool

Optional Accessories

REM Mira 10m power cable (bare ended)

What's Included

1pc REMMira1000x500mm

8pc REMMIRALDM19mm

1pc Ethernet RJ45 linking cable

1pc IEC power linking cord

Warranty Card

Quick Reference Guide or User Manual