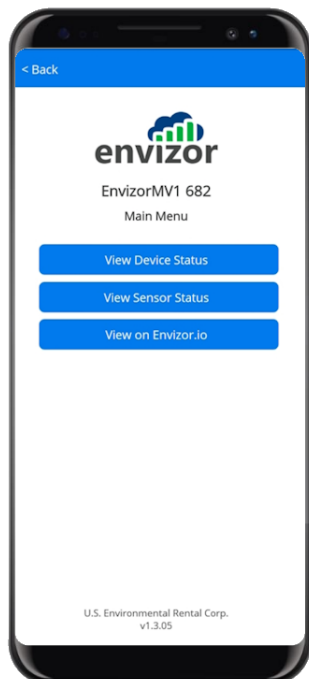


Real-time data telemetry just got easier



Envizor™ MV1

MV1 measures up to 30 channels of particle count data and mass concentrations, including PM1, PM2.5, and PM10. It also features a photo-ionization detector with a minimum detection limit of 20 ppb and an optional ultrasonic anemometer for wind data.



Onboard cellular communication (Verizon LTE-M) and Wi-Fi enabled. The envizor.io web portal features mapping, data visualization tools, and detailed, automated reporting allowing your team to spend more time on core responsibilities, less time in front of the screen.

Introducing the Envizor MV1 Mobile App featuring:

- PM monitor zero check
- PID 2-point calibration (with 10ppm Isobutylene only)
- Real-time device status
- Real-time sensor status



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usenvironmental.com (888) 550-8100

Real-time data telemetry just got easier

Envizor™ MV1

PARTICLE COUNTER

Size Range	0.3 to 25 µm
Size Channels	Factory calibrated at 0.3, 0.5, 1.0, 2.5, 5.0, 10.0 µm
Flow Rate	1.2 LPM
Concentration Range	0.01 to 20,000 µg/m ³
Resolution	0.00003 µg/m ³
Factory Calibration	Recommended every 3 years
Units of Measure	µg/m ³ or mg/m ³ (Web UI)

POWER & COMMUNICATION

Power	12V (supply) 320 mA avg. consumption
Supply Options	30W solar panels scalable LiFePo batteries AC power
Communication	LTE-M (North America) 3G (International) Wi-Fi
Data	Secure Data Center https://new.envizor.io

PHOTOIONIZATION DETECTOR

Detection Limit	20 ppb
Range	>200 ppm
Lamp Energy	10.6 eV
Lamp Life	10,000 hours
Environmental	Humidity Resistance

OPERATIONAL SPECS

Weatherproof	IP68
Humidity	< 98% non-condensing RH
Dimensions	10.40 x 8.40 x 5.22 in.
Weight	5 lbs.

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