noema

Analog Gauge Monitoring

Monitoring analog industrial gauges in hard-to-reach places can be time consuming, expensive, and potentially dangerous. The readings from these gauges contain critical information that needs to be relayed in a time-sensitive manner and in an easy-to-use format.

Noema uses smart cameras and computer vision to monitor analog gauges and generate live data. The app can monitor multiple gauges at once, and live readings are sent to a backend system for aggregation, monitoring and control.

Noema's Analog Gauge Monitoring application monitors multiple analogue gauges and generates live data that can be aggregated by operators for more powerful insights.

Features / Specs

Monitors multiple gauges with a single camera

A variety of cameras are supported
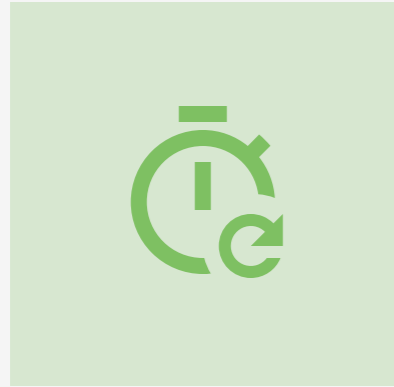
Easy configuration & use

Works with visible light and infrared images

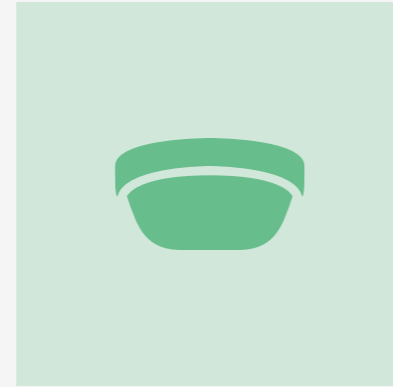Generates live data from non-digital gauges

Works with little internet bandwidth

contact@noema.tech
www.noema.tech

Automated, 24/7 monitoring

Noema's Gauge Monitoring app runs 24/7 and detects events with more consistency than a human operator. Having a human operator monitor gauges can be costly and not entirely reliable. Continous monitoring with real-time alerts helps to minimize maintenance response times.

Computing at the Edge

Noema's Gauge Monitoring application operates at the edge, meaning the algorithm runs entirely on the camera, allowing you to monitor multiple gauges, on a single camera, with no additional hardware required.

Remote Installation & Configuration

Noema's computer vision applications are easy to install. Mount a new camera or equip an existing one, and configure the application remotely over the internet.

Data and Integrations

Noema's Gauge Monitoring Application generates easily-digestible metadata that can be integrated to any backend or SCADA.

contact@noema.tech
www.noema.tech