



## INTRODUCING THE NEW AQ EAGLE

**FOUR SIMULTANEOUS  
PM MEASUREMENTS  
IN ONE MONITOR**



**SIMULTANEOUS  
PARTICULATE  
PROFILER SYSTEM**



Met One Instruments, Inc. AQ EAGLE is a system utilizing our ES-405 Particulate Profiler. The ES-405 continuously samples ambient air and reports particulate mass concentrations simultaneously and in real time for PM<sub>10</sub>, PM<sub>4</sub>, PM<sub>2.5</sub> and PM<sub>1</sub>. Our ES-405 is ideal for fugitive emissions and neighborhood scale community monitoring projects where both simple operation, portability and modest cost of ownership are important considerations. The AQ EAGLE system includes the CCS Comet Cloud modem, the AIO 2 Sonic Weather Sensor, a 3-year cell data service plan, a custom web page, and two complementary annual calibrations. Data output from the AQ EAGLE is uploaded directly to the cloud and made accessible on your custom web page.



## **AQ EAGLE SYSTEM**

### **AIO 2 SONIC WEATHER SENSOR**



The AIO 2 Sonic Weather Sensor is a complete, high performance weather sensor using Met One Instruments' proven 2D sonic technology. This technology provides reference grade accuracy without moving parts and includes a built-in compass used for automatic magnetic north alignment of the wind sensor. The temperature and humidity elements are integrated into an IP65 sealed module with a quick disconnect for ease of calibration in the field. The pressure element is precisely calibrated, and temperature compensated for outstanding performance. The AIO 2 is designed for surface meteorological applications where accuracy and reliability matter. One great benefit of our new AQ EAGLE is the system's ability to calculate the spread of a particulate cloud with wind direction and speed measurements.



## AQ EAGLE SYSTEM

## COMET CLOUD MODEM



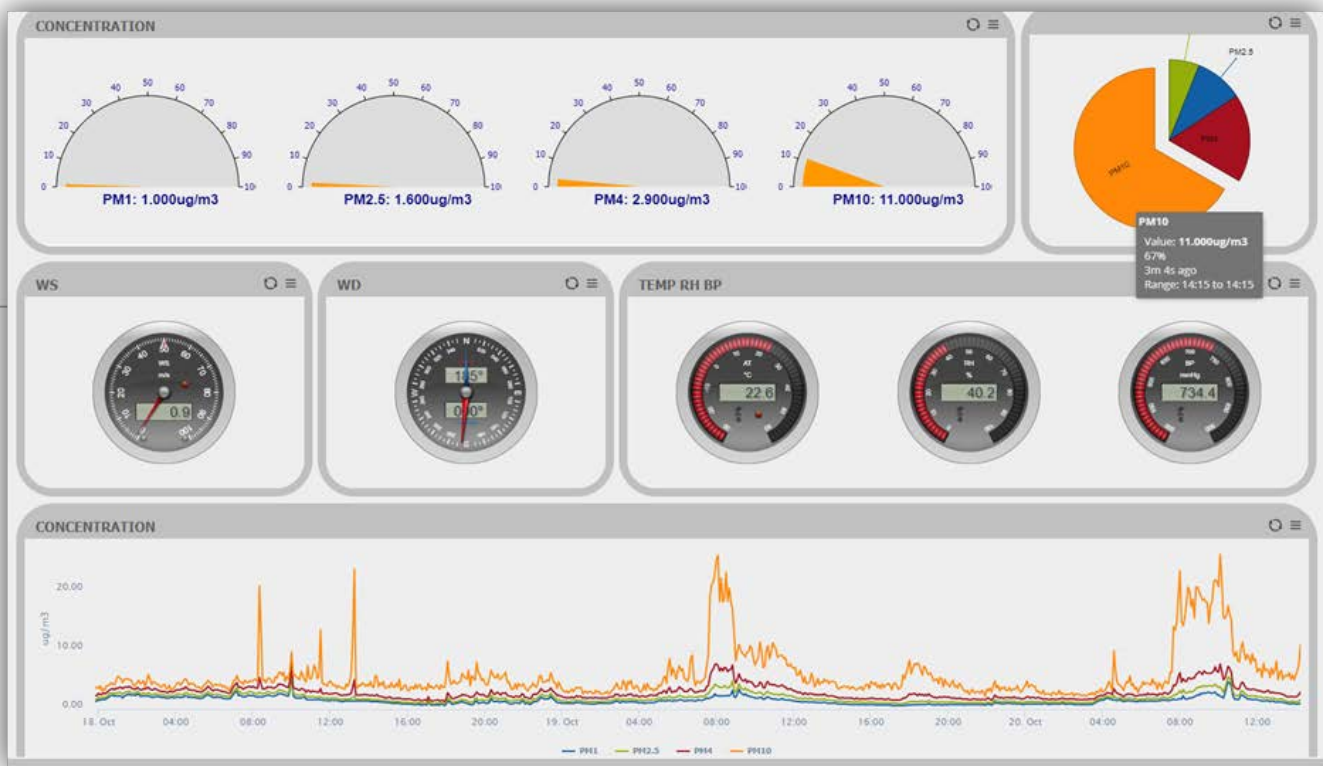
**REMOTE  
RELIABLE  
REAL TIME**

Met One Instruments' COMET Cloud (CCS) includes a data modem and cloud service which is directly compatible with a variety of meteorological and air quality sensors. The CCS data modem is available for 4G LTE and GSM (Domestic & International) connectivity. Averaged data is reported to a secure cloud site every 15 minutes domestically and 1 hour internationally. Modem location is automatically available from the internal GPS. The AQ EAGLE system includes a 3-year data service plan.



## AQ EAGLE SYSTEM

## CUSTOM WEB PAGE



The AQ EAGLE system offers personalized access to a custom, secure cloud webpage, where averaged data is reported every 15 minutes domestically, and every 1 hour internationally. This data is accessible on any smartphone, laptop or desktop computer.

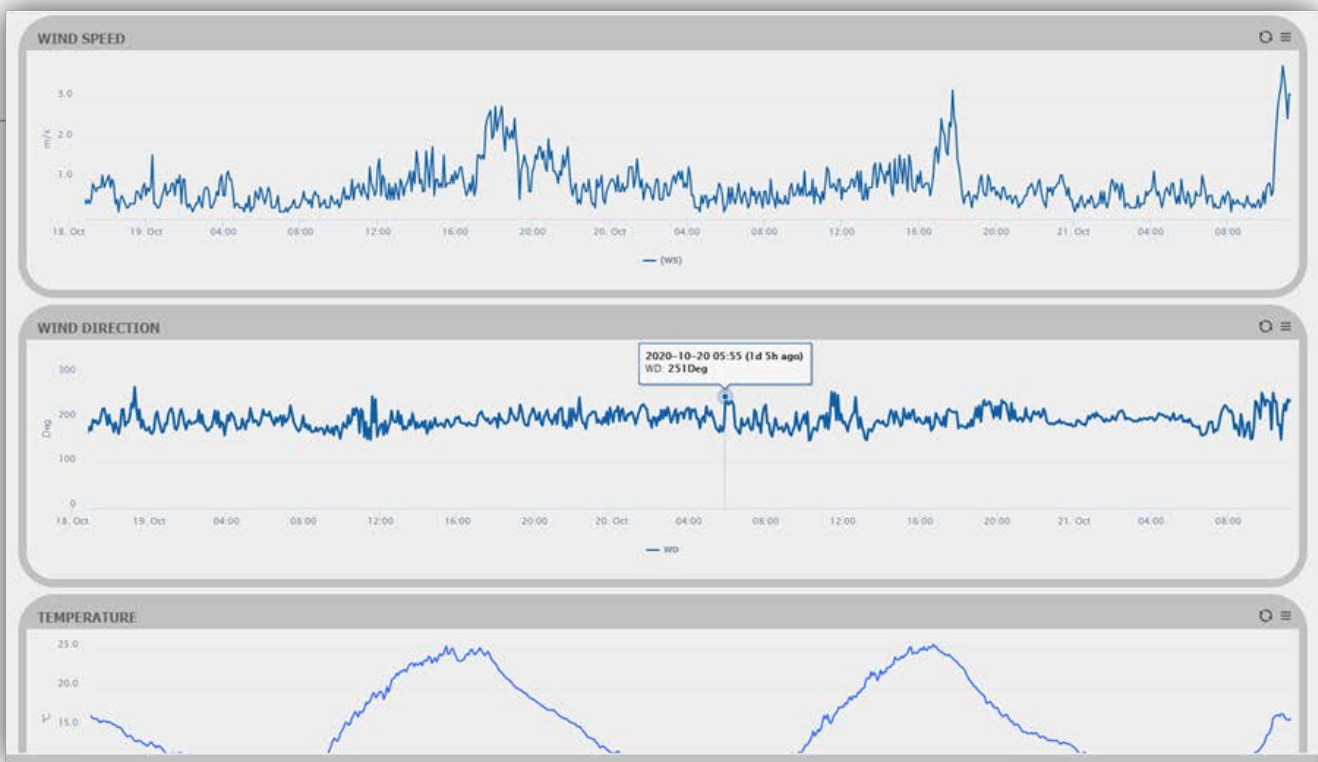
Met One Instruments, Inc. now offers an opt-in feature for data sharing for crowd-sourced research initiatives!



## AQ EAGLE SYSTEM

### CUSTOM WEB PAGE

Easily read and interpret your data with charts and graphs detailing; PM Concentrations in PM10, PM4, PM2.5 and PM1; a satellite map of where your AQ EAGLE is located; wind speed and direction; temperature; relative humidity; barometric pressure; and historical device data.



**CONTACT OUR SALES  
DEPARTMENT TODAY FOR  
A QUOTE:**

**[SALES@METONE.COM](mailto:SALES@METONE.COM)**