



## **ADVANTAGES**

- Optimise filter changes by monitoring filter pressure drop
- Access to historical data monitoring
- Integrated solution compatible with Modbus or BACnet
- Remote operation of the entire CamCleaner portfolio with one device
- Real-time air quality monitoring of PM1, PM2.5, PM10, temperature, humidity and CO2
- Energy savings by adjusting the fan speed on CamCleaners to achieve the desired IAQ

## **Application**

Connectivity to Camfil Industrial Air Cleaner - CamCleaner.

Dimensions: 245 x 124 x 32 mm (9.65 x 4.88 x 1.26 in)

Weight: 950 g (2.1 lbs) Display: 7" LED touchscreen

Power supply: USB-C, 5V, 10W, min 1.5A Nominal voltage: 3.7V

System Operation Temperature: 0 – 40°C (32 - 104 °F)

Sensor specification particulate matter:
Mass concentration range: 0–1000 µg/m3
Mass concentration precision: ±10%
Particle size range: PM1.0, PM2.5, PM4\*, PM10\* (\*calculated by

algorithm)

Sensor specification temperature: Typ. temperature accuracy: 0.8 °C (1.4 °F) Operating temperature range: -10 - 60 °C (14 - 140 °F)

Sensor specification CO₂: Measurement range: 400–2000 ppm Accuracy baseline: ±50 ppm

Comment

Sensor specification humidity: Typ. Relative humidity accuracy: 6% RH Mass concentration range: 0–95% RH

Calibration certificate: Factory calibrated Lifetime: > 10 years

Communication:

External: 4G to send data to the Cloud Internal: ETH (Modbus or BacNet)

Service: COM – serial port with an RJ45 connector

Wi-Fi mesh communication with CamCleaner: Range min. 50 m (16.4

ft) communication with CamCleaner

Plug Type: EU USA UK Australia Japan

AirImage 2.0 can connect to and independently control up to ten (10)

devices.