



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 CO<sub>2</sub>
- Energy savings by adjusting the fan speed on CamCleaners to achieve the desired IAQ

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| Application | <p>Connectivity to Camfil Industrial Air Cleaner - CamCleaner.</p> <p>Dimensions: 245 x 124 x 32 mm (9.65 x 4.88 x 1.26 in)<br/>Weight: 950 g (2.1 lbs)<br/>Display: 7" LED touchscreen<br/>Power supply: USB-C, 5V, 10W, min 1.5A<br/>Nominal voltage: 3.7V<br/>System Operation Temperature: 0 – 40°C (32 - 104 °F)</p> <p>Sensor specification particulate matter:<br/>Mass concentration range: 0–1000 µg/m3<br/>Mass concentration precision: ±10%<br/>Particle size range: PM1.0, PM2.5, PM4* , PM10* (*calculated by algorithm)</p> <p>Sensor specification temperature:<br/>Typ. temperature accuracy: 0.8 °C (1.4 °F)<br/>Operating temperature range: -10 - 60 °C (14 – 140 °F)</p> <p>Sensor specification CO<sub>2</sub>:<br/>Measurement range: 400–2000 ppm<br/>Accuracy baseline: ±50 ppm</p> |
| Comment     | <p>Sensor specification humidity:<br/>Typ. Relative humidity accuracy: 6% RH<br/>Mass concentration range: 0–95% RH</p> <p>Calibration certificate:<br/>Factory calibrated<br/>Lifetime: &gt; 10 years</p> <p>Communication:<br/>External: 4G to send data to the Cloud<br/>Internal: ETH (Modbus or BacNet)<br/>Service: COM – serial port with an RJ45 connector<br/>Wi-Fi mesh communication with CamCleaner: Range min. 50 m (16.4 ft) communication with CamCleaner</p> <p>Plug Type:<br/>EU<br/>USA<br/>UK<br/>Australia<br/>Japan</p> <p>AirImage 2.0 can connect to and independently control up to ten (10) devices.</p>                                                                                                                                                                            |