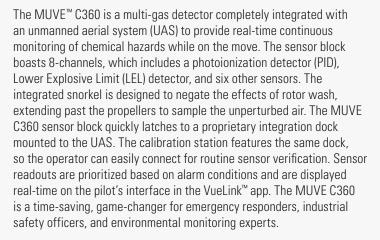


MUVE™ C360

Integrated Multi-Gas Detector For Unmanned Aerial System











ASSESS THE SCENE FROM A SAFE DISTANCE

Before putting the health and safety of your team at risk, fly the C360 into the scene to gather initial assessment of hazards

- 8-channel sensor delivers broad hazard coverage
- Analyze air quality surrounding active scenes prior to entry
- Select proper PPE before entering scene
- Locate leak source and track incident progression

SIGNIFICANTLY REDUCE THE TIME TO ACTION

Deploy the C360 on scene in the time it takes the average responder to suit up

- Cover difficult terrain from the air to assess hazards
- Quickly draw a perimeter to assess and map hazards
- Preset alarm thresholds to make quicker decisions on-scene
- Understand the flow of hazardous vapors at the source, but also in the air

FULLY INTEGRATED SITUATIONAL AWARENESS

Get a comprehensive overview of an active scene including visuals and chemical identification

- VueLink App provides plug-and-play control of the C360, flight operations, and other on-board sensors
- Analyze, log, and access complex data in an easy-to-understand visual overlay
- Install with click-in simplicity via onboard integration dock



SPECIFICATIONS

Sensor Block Technology

Sensors $CO, CI_2, O_2, NO_2, H_2S, SO_2, LEL$

PID VOC 10.6 eV (ppm)

Calibration Station Proprietary automatic calibration design, includes tubing

and power adaptor

Sampling & Analysis

Sample Introduction Actively pumped via integrated snorkel

Sampling Rate 300 ml/min minimum
Sampling & Analysis Real-time detection

System Interface

Display & Alerts VueLink™ application integrated via tablet connected to

the UAS remote controller

Communication Remote controller via USB-A accessory (tablet); UAS

power port and serial (C360)

Wireless Range Determined by the UAS range

Data Storage Sensor data and flight information logged on tablet

Training Requirements <30 mins for operator; 4 hours for advanced user

Power

Input Voltage 24V DJI Matrice 210; 12V Calibration Station

Battery Specification Powered by the UAS

Cold Start Time 90 seconds from cold start

Environmental

 $\begin{array}{lll} \text{Operating Temp} & -4 \text{ to } 122 \text{ °F} \text{ (-20 to } 50 \text{ °C)} \\ \\ \text{Operating Humidity} & 10 \text{ to } 93\%, \text{ non-condensing} \\ \\ \text{Storage Temp} & -22 \text{ to } 158 \text{ °F} \text{ (-30 to } 70 \text{ °C)} \\ \\ \end{array}$

Protection IP43-rated

Physical Features

Dimensions (L x W x H) 6.5 x 2.3 x 2.0" (16.51 x 5.84 x 5.08 cm) - C360 only

Total Payload Weight 1.5 lb (680.39 g) - C360 with dock and snorkel

Compatibility Currently compatible with DJI Matrice 210, V1 and V2, UAS

Integration Dock Proprietary quick-connect mount for UAS and

Calibration Station

Specifications are subject to change without notice.
For the most up-to-date specs, go to www.teledyneflir.com





AMERICAS

7055 Troy Hill Dr. Suite 300 Elkridge, MD 21075 USA

APAC

10 Kallang Avenue #09-10 Aperia Tower 2 Singapore 335910

EMEA

Luxemburgstraat 2 2321 Meer Belgium This product is subject to United States export regulations and may require US authorization prior to export, reexport, or transfer to non-US persons or parties. Diversion contrary to US law is prohibited. For assistance with confirming the Jurisdiction & Classification of Teledyne FLIR, LLC products, please contact exportquestions@flir.com. @2021 Teledyne FLIR LLC. All rights reserved.

Revised on 11/11/21 MUVE C360_Datasheet-LTR 21-1110