



## Trotter DataVault

### Simplifying the Collection and Reporting of Critical Event Data

DataVault is a trusted data acquisition, telemetry, logging, tracking and control solution for aerial firefighters.



#### Real-time Transmission of Operational Data

DataVault transmits location and event data to fire services in real-time, offering greater situational awareness of any operation.



#### Complete Telemetry Capture for Advanced Reporting

DataVault enables operators to easily comply with the increasingly stringent reporting needs of authorities worldwide. Information such as locations of start/end of drop, GPS path of drop, amount of retardant dropped, Drop Mode, Engine Start/Stop, Takeoff/Landing and more can be reliably collected and reported.



#### Easy Installation and Simple Instrument Interface

DataVault is easily installed into your aircraft, and once installed, offers a simple instrument interface in a busy cockpit environment.



Learn more about Trotter DataVault: [www.tracplus.com/trotter-datavault](http://www.tracplus.com/trotter-datavault)

# Specifications



<b>Dimensions</b>	188mm × 188mm × 63mm (7 3/8" × 7 3/8" × 2 1/2")
<b>Weight</b>	1.8kg (4 lbs)
<b>Connectors</b>	Amphenol automotive, M12, micro USB, SMA
<b>Inputs (Standard)</b>	2 serial, 4 analog, 4 digital (configurable)
<b>Outputs (Standard)</b>	2 serial, 4 digital (3.5A, +30 Volts, internally protected)
<b>Inputs (Pro)</b>	2 serial, 8 analog, 8 digital (configurable)
<b>Outputs (Pro)</b>	8 digital (3.5A, +30Volts, internally protected)
<b>Inputs (XM-Pro)</b>	2 serial, 8 analog, 16 digital (configurable) ? requires ext GPS / Sat Modem
<b>Outputs (XM-Pro)</b>	2 serial, 16 digital (3.5A, +30Volts), 4 proportional valve drivers
<b>Sensors</b>	GPS, Accelerometer and Gyro, Internal Thermometer, Power Loss / Batt. Voltage
<b>Screen Type</b>	Sunlight readable monochromatic backlit LCD
<b>Buttons</b>	5 button navigation interface, 4x4 keyboard - optional
<b>Indicators</b>	17 status LEDs
<b>Antennas</b>	External GPS and Iridium
<b>Power Sources</b>	External
<b>Satellite Network</b>	Iridium SBD via 9602 modem