

RECORD, MONITOR, ALERT

DataHawk provides economical uptime and downtime monitoring. DataHawk alerts user if issues occur and can store 500,000 records with automatic rollover of oldest data first and data logging speed up to one log per second. Store data and review later for downtime calculation.



Capable of data logging with 2 digital and 2 analog inputs, plus battery and temperature



Pluggable terminal connectors



Digital inputs have optional one-board pull ups for contact switches



Analog inputs can be with 0–30V, 4–20mA or Type K thermocouples



Power terminals for analog inputs to support various sensors



Configurable options including site names, input names, aliases for digital high/low, analog scaling



USB flash drive used for configuration and download of data



Redundant, CRC protected storage to ensure data integrity and prevent data loss

Automation

Pair DataHawk with existing automation on site. DataHawk has 2 analog and 2 digital inputs with on board pull ups. One radio port and one communications port that can be set to RS232 or RS485 for retrieval of data through existing automation.

Specifications

Analog Input Accuracy – Larger of $\pm 10\text{mV}$ or $\pm 2\%$

Digital Input Threshold – $\sim 0.7\text{V}$ (transistor input)

Power/Content Draw – 2mA (idle)/ 13mA (comm port utilized)

2 Analog & 2 Digital Inputs – Up to 30V

Power – 12Vdc or 24Vdc with battery backup

Enclosure – $4 \times 2.8 \times 1$

Battery Voltage Input Accuracy – $\pm 2\%$

Board Temperature Sensor Accuracy – $\pm 4^\circ\text{C}$



Compliance Monitoring Made Easy

Pair DataHawk with our VentHawk system, enclosed combustion units or production equipment burner systems for monitoring critical uptime and downtime.

