aem

F7 Data Logger

Key Applications

- **Wildfire Research:** Collect vital weather data for analysis and forecasting

- **Environmental Tracking:** Assess fire weather conditions and resource readiness

- **On-site Weather Monitoring:** Inform fire suppression, prescribed burns, and safety measures

- **Disaster Response:** Monitor changing weather conditions for effective response efforts

HANDLE WITH CARE INSTRUMENTATION

ASK ABOUT: REMOTE AUTOMATED WEATHER STATION (RAWS)

Our RAWS is built for rugged environments and is the trusted standard in remote weather monitoring for North American fire agencies.

Elevate your wildfire risk management with precision data

Amid escalating threats, the AEM F7 Data Logger delivers accurate and reliable data for effective wildfire risk management across the entire event cycle. As a robust component of RAWS systems, F7 captures essential information even in extreme or off-grid conditions. This timely data empowers fire management teams to make informed decisions that protect lives and property when moments matter.
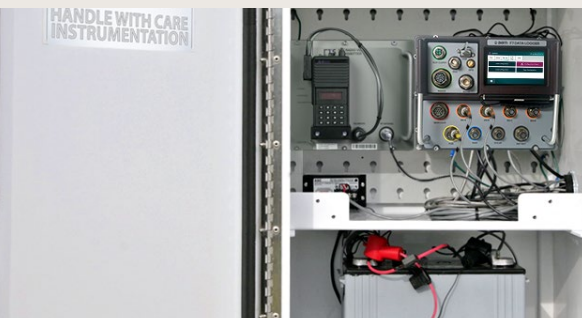
Rugged reliability	Easy setup, rapid visits	Flexible expansion

Benefits

Optimize resources by deploying a robust data logger that provides longevity, minimal maintenance, and low total cost of ownership.

Analyze data confidently with reliable and accurate collection, even in extreme conditions.

Experience hassle-free deployments, more productive site visits, and reduced troubleshooting time.

Future-proof your approach to monitoring with flexible data loggers designed for evolving networks.

Engineered to be rugged, designed to be simple

We understand that fire weather monitoring requires equipment that can stand up to the rigors of the field and provide reliable data at any given moment.

A trusted wildfire risk management partner

- AEM technology sets the standard for fire weather monitoring, backed by 40+ years of unparalleled expertise and innovation.

- We're trusted by 100% of the top wildland fire agencies in North America thanks to our unmatched reliability and precision.

- Our technology is compliant with NFDRS/CFDRS standards, ensuring superior quality and performance.

EXTREME RUGGEDNESS

The F7 is engineered to withstand extreme conditions, featuring lightning protection, a fully sealed enclosure (IP67) for reliable operation in dirty and wet environments, and military-grade connectors to prevent corrosion and failures.

EASY SETUP

The system configuration wizard and color-coded connectors streamline in-field troubleshooting for fast and consistent deployments. No programming required.

FLEXIBILITY AND EXPANDABILITY

Four SDI-12 ports and Auxiliary Communication port support an extensive array of sensors and allow for extending system capability in response to changing needs.

RAPID SITE VISITS

Convenient integrated color display and touchscreen eliminate the need for external devices for service and configuration tasks.

INTEGRATED SATELLITE TELEMETRY

Internal GOES and Iridium satellite communication options simplify installation and eliminate vulnerability due to additional cables and connections.

UNCOMPROMISED RELIABILITY

Integrated power management system and solar charge controller minimize downtime and ensure continuous operation, even in adverse conditions.

Ready to elevate your fire weather data collection?

Contact us today at **info@aem.eco** to discover how the F7 Data Logger delivers the robust information you need to confront wildland fires head-on.