ESTACIONES METEOROLÓGICAS

QD

ESPECIFICACIONES TÉCNICAS

FTS

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ESPECIFICACIONES TÉCNICAS

La estación meteorológica portátil FTS Quick Deploy es la estación meteorológica más utilizada por la comunidad de bomberos para quemas prescritas y aplicaciones de monitoreo temporal. Ofrece los mismos sensores, telemetría y confiabilidad que nuestro RAWS fijo completo pero en forma portátil. Puede ser configurado completamente en 15 minutos por una sola persona, sin herramientas ni capacitación técnica. Su portabilidad significa que se pueden colocar varios en la línea de fuego y reubicarlos rápidamente según sea necesario. Ofrece los mismos sensores y opciones de telemetría que Fixed RAWS, y todos los componentes son intercambiables con Fixed Raws.

Debido a que fue diseñada para profesionales de la gestión de incendios, Quick Deploy no es como ninguna otra estación meteorológica portátil. Es excepcionalmente duradero, sin componentes de plástico, por lo que puede recibir una paliza. También lo diseñamos para que sea extremadamente simple de configurar rápidamente y funcione siempre sin necesidad de capacitación, ya que lo enviamos preconfigurado según sus especificaciones y no requiere una computadora portátil ni la alineación de una antena GOES.

CARACTERÍSTICAS

Technical Specifications	
Standard Components	
Tripod Base:	• Aluminum, adjustable-length legs, adjustable "lilypad" feet with optional ground spike
Ground Anchor:	• Includes both spiral (screw-in) ground anchor and duck-bill anchor • Includes pounding rod for driving duck-bill anchor with sledgehammer (not included)
Enclosure:	• Heavy gauge (.08") marine-grade aluminum, powder coated finish. • Lockable heavy-duty stainless steel clasps • Rain drip rail over lid to keep rain out of enclosure when door is open • Foam gasket at bottom of door perimeter seals out insects and dust yet allows door to close over cables • FTS toll-free service number printed inside door
Datalogger:	• Axiom F6 datalogger integrates a powerful computer and the NIFC fire RAWS (or specified CDN) program, accessed through a built-in, waterproof touchscreen • Integrated GOES transmitter
Connectors:	• 100% waterproof military-style bayonet connectors • Each connector is keyed differently and color-coded
Antennae:	• Eon CS2 GOES antenna requires no aiming • GPS antenna provides accurate time to datalogger once per day to ensure GOES transmission is within allotted window
Sensors:	• Dual wind speed/wind direction sensor (includes mast extension to raise height to 10') • Temperature/humidity sensor • Tipping bucket rain gauge • Typical lifecycle is 10+ years, depending on maintenance frequency, parts obsolescence and physicalinstallation
Cables:	• Combination of braided stainless steel and UV-stable PVC cable housing • Cables are lightweight, flexible and permanently attached to sensors

CARACTERÍSTICAS

Technical Specifications	
Power System:	• (3) 7.5 Amp-hour batteries • 20W solar panel • Microprocessor-controlled, intelligent power manager monitors solar panel output and optimizes chargingvoltage according to ambient temperature, greatly extending battery life • All data, programming and telemetry configuration data is saved in the event of a power failure • System will automatically start up and resume full operation when power is detected following a power failure
Carrying/Shipping Case:	• Two cases total, both soft yet rugged Cordura weatherproof, UV-stable and abrasion-resistant outer shell with crushproof inner molded closed cell foam (molded cavity for each component) • Carrying handles are made from nylon webbing which exceeds burst capacity of case weight when full. Straps run full length of load bearing surface • Case 1: 15" x 20" x 38" • Case 2: 12" x 24" x 38" • No sharp buckles on outside of case • Includes easy (graphical) 12-step setup and packing instructions inside, in top of lid
Optional Components	
Sensors:	• Solar radiation sensor • Fuel moisture/fuel temperature (fuel stick) • Barometric pressure sensor • Ultrasonic wind speed and direction sensor • Soil moisture/soil temperature • Hydromet: – Turbidity – Water temperature – Stage (pressure transducer) • Compatible with other vendor's sensors in most cases