

Compact Weather Station



Valuable weather data collected locally at the most critical time

Improve operational and disaster response time with quality, real-time, localized environmental data. This compact weather station can be fitted with the required sensor to collect crucial information to support prompt, intelligent decision making. Easily program the Compact Weather Station with FTS360.

WHAT'S INCLUDED

- All-in-one weather sensor
- Solar power system
- On-site data storage
- Mounting hardware
- Iridium, GOES or cellular telemetry

OPTIONS

- AC power adapter
- Road weather

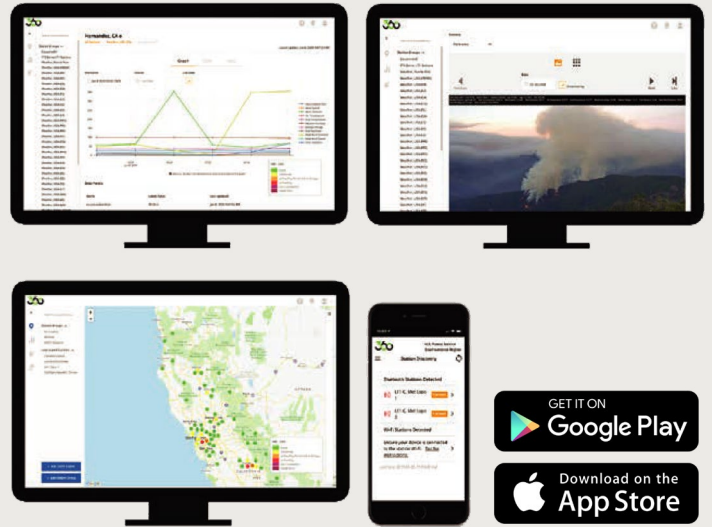
	PARAMETER	RANGE	RESOLUTION	ACCURACY
INCLUDED	Wind Speed	0.1 m/s to 60 m/s	0.01 m/s	±3% to 40 m/s ±5% to 60 m/s
	Wind Direction	0-359°	1°	±3° to 40 m/s ±5° to 60 m/s
	Temperature	-40°C to +70°C	0.1°C	±0.3°C @ 20°C
	Humidity	0.01 m/s	0.01 m/s	0.01 m/s
	Dew Point	-40°C to +70°C	0.1°C	±0.3°C @ 20°C
	Pressure	300 to 1100 hPa	0.1 hPa	± 0.5 hPa @ 25°C
OPTIONAL	rain[e] Weighing Precipitation Sensor	0 to 1200 mm/hr	0.001 mm	± 0.1 mm or 1% at < 6 mm/min ± 2% at ≥ 6 mm/min
	Fuel Moisture for Vegetation Management	-40°C to +60°C 0 to 100% RH	0.1°C 1% RH	± 1.2°C @ 25°C ± 2% (0 to 100% RH)
	Solar Radiation	0 to 1600 W/m ²	1 W/m ²	



Complete situational awareness

FTS360 is a secure and reliable cloud-based platform that allows you to view sensor and station data, camera images and video. Take advantage of user programmable advanced calculations, intelligent alerting, and full configuration capabilities no matter where you are.

- Connectivity from edge to cloud has been secured with encryption and user authentication
- Create alerts and actions within your network so it reacts automatically and intelligently
- PTZ camera control
- Optional value-add layers such as Lightning and Air Quality Index
- Direct API integration with 3rd party analysis packages



System specifications

DATA LOGGER	
Temperature Range	-40°C to +65°C (-40°F to 149°F)
Humidity	0-95% RH (Conformal coated circuitry)
Local Control	Bluetooth Low Energy (BLE)
Local Data Storage	4GB (User accessible SD card)
Certifications	CE, FCC, IC
Telemetry Options	Cellular (Verizon, AT&T, Global) GOES / EUMETSAT Iridium (Commercial, DoD)
Weight	0.682kg (1.5lbs)
ENCLOSURE	
Dimensions (DxHxW)	25.4cm x 40.64cm x 40.64cm (10" x 16" x 16")
IP Rating	66
Material	0.125" Aluminum
Weight	12.5kg (27.5lbs)
DATA LOGGER	
Solar Panel	20W, 2.26kg (5.0lbs)
Battery	44Ahr SLA, 13.5kg (29.7lbs)

Customer Care

TECHNICAL SUPPORT

All FTS products are backed by our extensive warranty. Customer care representatives can also be reached by phone and email.

INSTALLATION AND MAINTENANCE PROGRAMS

Our global network of installation partners ensure products are installed and working properly in even the most remote terrain. Additionally, FTS offers annual sensor exchange, field validation and calibration, full record-keeping, and priority emergency support.