



**EXTREME ENVIRONMENTS
EXTREMELY RELIABLE**



RWIS ONE

Valuable Weather Data Collected Locally At The Most Critical Time

Improve operational and disaster response time with quality, real-time, localized environmental data. This road weather system can be fitted with the required sensors to collect crucial information to support prompt, intelligent decision making. Easily program Road Weather Information System parameters and alarm notifications with FTS360.



	PARAMETER	RANGE	RESOLUTION	ACCURACY
INCLUDED	Pavement Temperature Measurement	-40 to +85°C	0.1°C	±0.5°C at 0°C otherwise ± 1°C
	Temperature	-40 to +65°C	0.1°C	±0.2°C @ 0°C otherwise ±0.5°C
	Humidity	0 to 100% RH	1% RH	±1.8% at 10% to 90% RH otherwise ±3%
OPTIONAL	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
	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
	Precipitation	0 to >300 mm/hr	0.08 mm (customizable)	3% repeatability

WHAT'S INCLUDED

- Road Weather Sensor
- Solar Power System
- On-Site Data Storage
- Mounting Hardware
- Cellular Telemetry

OPTIONS

- AC Power Adapter
- Air Quality Monitoring
- All-In-One Weather Sensor
- Water Level Sensor (Low Water Crossings)
- Flashing Road Signs

FLASHING SIGN - OPTIONAL ADD-ON

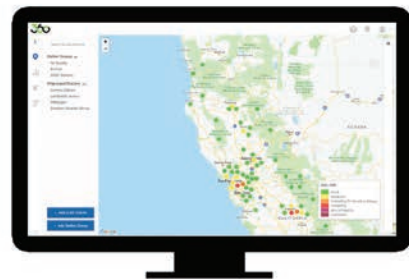
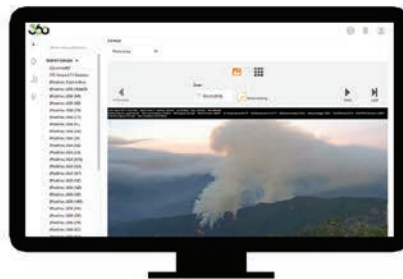
- All signs are MUTCD compliant with vandal resistant design and a broad range of size and display options.
- FTS360 provides monitoring, control, activation and alerting from one or multiple RWIS One stations and flashing signs.
- Easy installation with wireless or wired communications and solar or AC power options.
- Upgrade existing signs with high intensity LED flashing rings.



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
- Optional value-add layers such as Lightning Detection and Air Quality Index
- Direct API integration with 3rd party analysis packages



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