

FREEWAVE WEATHER STATION MONITORING

Solution Profile

FreeWave's Weather Station Monitoring Solution solves the everyday challenges of monitoring and identifying weather patterns at remote weather stations.

Get on-device monitoring and data collection up to 20 miles, even under the most demanding connectivity challenge. Crane Safety, Off Grid Monitoring, Wildfire Atmospheric Research & Monitoring, Campground & RV Parks, Golf Courses and Tunnel Construction & Monitoring include a list of top markets experiencing an increased need in our Weather Station Monitoring Solution.

The FreeWave Weather Station Monitoring platform provides event-driven video monitoring and control with HMI so that you can extract real-time weather data.

FreeWave Weather Station Monitoring Benefits

Protect People and Property

- Sensors will monitor and report all the information you need in real-time so that you can identify any early weather-related warnings.
- Create visibility with off-grid monitoring, wildfire atmospheric research and monitoring, crane safety, and tunnel monitoring.

Do More With Your Time

FreeWave's Weather Station Monitoring has true plug-and-play functionality: it's easy to install, set up, and use with no additional training. Hardware, applications, and connectivity are included to easily get started out of the box.

Key Features

- True Ultra Long Range >20 Miles
- Scales to Point-2-Multi Point
- Lower Power Consumption; 10 Watts, Solar Ready
- True Plug & Play
- Turnkey Remote Weather Station Monitoring & Control With HMI
- Early warning systems
- Automate and streamline operations

Automate and Streamline Operations

- Deploy remote weather monitoring for wind detection, ambient temperature, relative humidity, barometric pressure, and rainfall.
- The complete plug-and-play kit supports data-to-cloud functions.
- Options to upgrade monitoring for solar radiation, UV index, 1-degree wind sensor.
- Track all measurements, system status, and alarms.
- View trending problems and generate comprehensive reports based on real-time weather-related monitoring parameters.
- Wireless link provides maintenance-free and reliable connectivity.

Solution Kit Includes

- Fusion Bridge as Gateway
- Fusion Bridge as Endpoint
- FreeWave Edge
- Weather Station
- Antennas & Cables
- Ethernet Cable