



FOREST METEOROLOGICAL STATION FIRE PREVENTION STATION (basic)

Product Introduction

The Basic Type Forest Meteorological Fire Prevention Station is a cost-effective, field-ready monitoring system dedicated to wildfire risk early warning in forest regions.

It is equipped with a wind speed sensor, wind direction sensor and integrated ultrasonic temperature & humidity sensor to continuously monitor core fire weather parameters. An optional tipping-bucket rain gauge and HD surveillance camera can be added for precipitation measurement and on-site visual verification.

Powered by a high-efficiency solar panel with built-in battery storage, it runs stably in off-grid remote forest areas. The integrated data terminal uploads real-time monitoring data to the cloud platform via wireless network, supporting remote data query, historical analysis and automatic graded alarm. The on-site audible and visual alarm device triggers immediate alerts when indicators exceed preset thresholds.

Configuration and Functions

Alarm device	Meteorological
Monitoring system	Display screen



BASIC TYPE

