



MULTI-ELEMENT WEATHER STATION

Product Overview

The Zhiteyunlian Multi-Element Weather Station integrates a three-in-one transmitter for light intensity, temperature and humidity, a photosynthetically active radiation sensor, a photoelectric solar total radiation transmitter, a wind speed sensor, a wind direction sensor, as well as a shelter for placing precise instruments such as temperature and humidity sensors.

It can monitor various meteorological elements including light intensity, temperature and humidity, photosynthetically active radiation, total solar radiation, wind speed and wind direction.

Product Structure

Wind Direction Sensor	Wind Speed Sensor	Ultrasonic Meteorological Sensor
Total Solar Radiation Transmitter	Solar Panel	LED Display Screen
Explosion-proof Electric Control Box	Louver Box (Radiation Shield)	

Application Scenarios

- 1.Campus meteorological science popularization and student practical teaching
- 2.Agricultural Production & Farmland Management
- 3.Forest Fire Prevention & Ecological Protection
- 4.Transportation Meteorology & Special Industry Scenarios
- 5.Urban Municipal & Smart City



Product Description

Wind Direction Sensor ●

● Ultrasonic Meteorological Sensor

● Wind Speed Sensor

Solar Panel ●

LED Display Screen ●

Wind Speed	10m/s
Wind Direction	N
Temperature	21.3℃
Relative Humidity	76%
Rainfall	10mm
Air Pressure	1056
Noise	78

● - - - Tipping Bucket Rain Gauge

● Explosion-proof Electric Control Box

