

PORTABLE WEATHER STATION



Weihai Jingxun Changtong Electronic Technology Co., Ltd.

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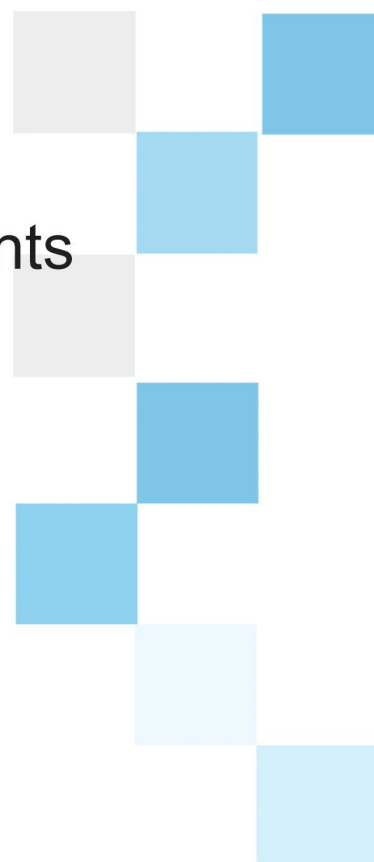
Scan code attention | More solutions are waiting for you

DIRECTORY

Enterprise spirit

Good at product | Dare to innovate | Yanjingxunwei | Unblock everything

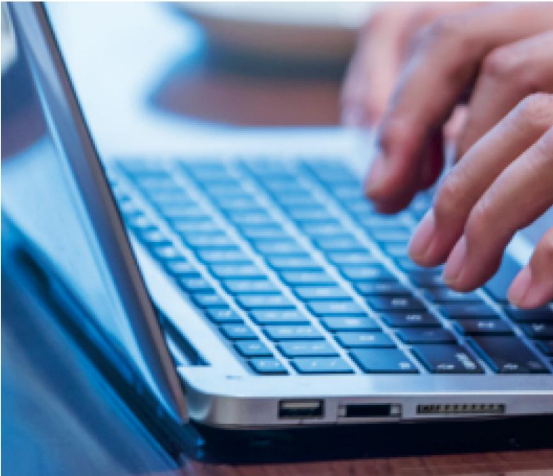
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One-stop IoT sensor and solution provider



Adhering to the core concept of "Born for the Internet of Things", we create comprehensive industrial Internet of Things products and solutions.



Weihai Jingxun Changtong Electronic Technology Co., Ltd. was established in 2015. It is a professional supplier of industrial IoT sensors and solutions. It focuses on the R&D, production and sales of industrial IoT sensors, transmission equipment and application cloud platforms, and is committed to creating new The industrial Internet of Things industry solutions are a pioneer in the transformation of the industrial Internet of Things industry.

About us

Jingxunchangtong has always adhered to the core concept of "Born for Industrial Internet of Things", adhered to the spirit of "excellent in product, brave to innovate, strict specifications, and good at home", and is committed to "using sensors to change the Internet of things, and the Internet of things to change the world ", determined to become an ecological enterprise in the industrial Internet of Things industry.

In R&D and production:

Jingxun Changtong focuses on R&D innovation and the reserve of talents. In 2019, it established a research and development center in Jinan and a Jingxun chemical laboratory in Weihai, and established a comprehensive production with the scientific research team of Shandong University, the scientific research team of Harbin Institute of Technology, and the Shandong Computing Center. University-research cooperation promotes the industrial Internet of Things technology and localization to reach world-class standards. Has successfully applied for more than 170 patents and software copyrights, passed ISO9001 quality management system certification, ISO14001 environmental management system certification, ISO45001 occupational health and safety management system certification, and many of its products have passed CCC, CE, CPA, CCEP, CMA, etc. A number of authoritative certifications, it is a national high-tech, specialized and new, double-soft certification enterprise.

In management:

Relying on the rapid development and social influence of the company, Jingxun Changtong is listed as a key service project in Shandong Province, a leading talent in Taishan industry, and a pilot project for the integration of industrialization and industrialization. It has opened up domestic and overseas marketing channels, and its products are exported to the United States/Japan/Korea /Italy/Canada and more than 30 countries show the power of "Made in China".

Product Introduction

Portable weather station

The portable weather station independently developed by our company meets the requirements of modern weather monitoring in terms of appearance, working conditions, safety requirements, and functional requirements. The equipment is integrated, small in size, easy to transport, carry and install, and can be dynamically adjusted at any time. Using high-sensitivity digital probe, the signal is stable and the accuracy is high. It has the characteristics of wide measuring range, good linearity, good waterproof performance, easy to use, easy to install, and long transmission distance; it can monitor meteorological factors all-weather, continuously and automatically, collect monitoring data quickly and accurately, and transmit it to the software through the network Data platform.

The image shows a portable weather station mounted on a black tripod in a grassy field. The station has a white sensor housing at the top and a blue digital display on the side. Surrounding the station are 14 circular callouts, each containing a weather parameter: Humidity, Temperature, Wind speed, Wind direction, Sun radiation, Rainfall, Air pressure, Illumination, Gas, Dew point, PM10, PM2.5, and Humidity. At the bottom of the image, there are five white icons representing features: a target symbol for 'High precision', a triangle for 'Strong stability', a leaf for 'Easy to use', a cube for 'Multiple integration', and a pencil for 'customizable'.

Humidity

Temperature

Wind speed

Wind direction

Sun radiation

Rainfall

Air pressure

Illumination

Gas

Dew point

PM10

PM2.5

High precision

Strong stability

Easy to use

Multiple integration

customizable

Any integration of 19 elements

Do you have the following problems?

The portable weather station has few measurable elements and poor practicability

No customizable measurement elements, either insufficient or wasteful

Obtain measurement results offline, time-consuming and laborious

Repeated construction of fixed weather stations.



19+ Meteorological elements
Arbitrary integration of shutters
Easy to use! More than portable!

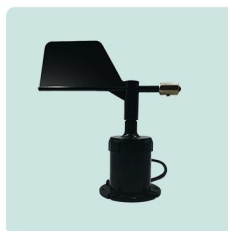
Noise	O ₃	O ₂	Temperature	humidity	Atmospheric pressure				
CO	CO ₂	NO	NO ₂	SO ₂	H ₂	CH ₄	NH ₃	CH ₂ O	H ₂ S
PM2.5	PM10	Dew point	More please contact customer service						

8+ External sensor optional

If you need an external soil sensor, please contact customer service for more product support customization



Wind speed



Wind direction



Rainfall



Rain and snow



Wall-mounted illumination



Total solar radiation



Photosynthetically active radiation



Metal shell UV

Product advantages

Real-time reading

Measurement data, instant view
More support for reporting to the cloud for viewing



Easy to use! More than portable!

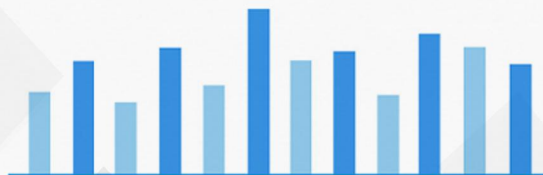
Long standby time 10 hours

Fully charged state can be used for more than 2 hours without interruption



200000 Data storage

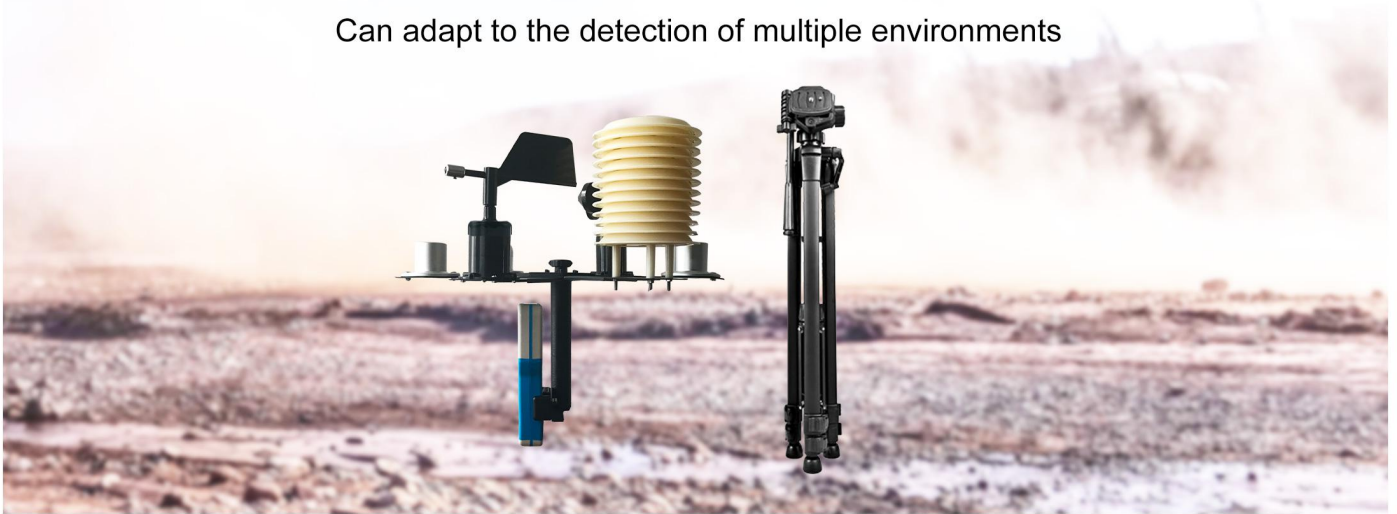
Data logging interval can be set by yourself



One record every 5 minutes can be stored continuously for two years

Powerful and easy to carry

Can adapt to the detection of multiple environments



Aluminum alloy instrument case "007" In the instrument industry



*The actual item received is different due to customized measurement items. Packing sensors will be different.

Typical application

It can be used in environmental meteorology, agricultural conditions, scientific research and teaching, disaster warning and other occasions.



Agricultural situation



Environmental weather



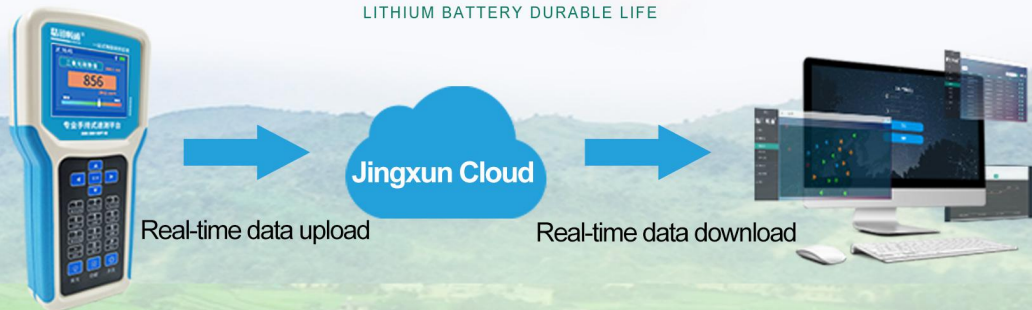
Research teaching



Disaster warning

Support cloud platform

LITHIUM BATTERY DURABLE LIFE



Mobile APP

Applets

Easy to do with a mobile phone Support APP/Mini Program

One-stop service for monitoring, reporting, storage, etc.
Easily build an independent and exclusive online cloud platform

*This function is optional, please consult customer service if necessary

Official standard recommendation

Wind speed | direction | atmospheric pressure | temperature | humidity



Shutter box

Internal integrated atmospheric pressure and temperature and humidity sensors

Wind speed sensor

Wind direction sensor

Portable reading terminal

Tripod (four-speed telescopic portable stand)

Aluminum alloy box

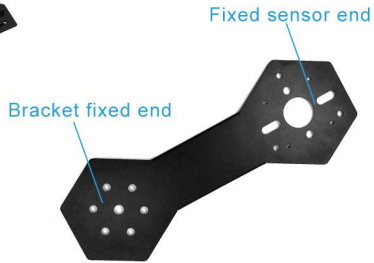
Packing and weighing about 6.35kg, the actual weight shall prevail.

Product details



Easy to extend fixed arm

Six fixed arms are distributed in a circle
Stable center of gravity, safe and reliable



Weight hook

In windy weather, weights can be placed to stabilize



Bi-level beads

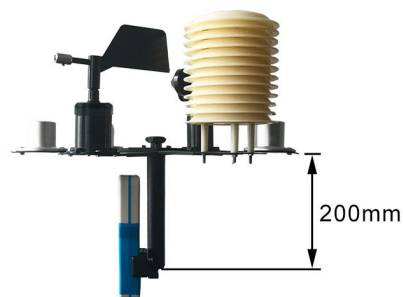
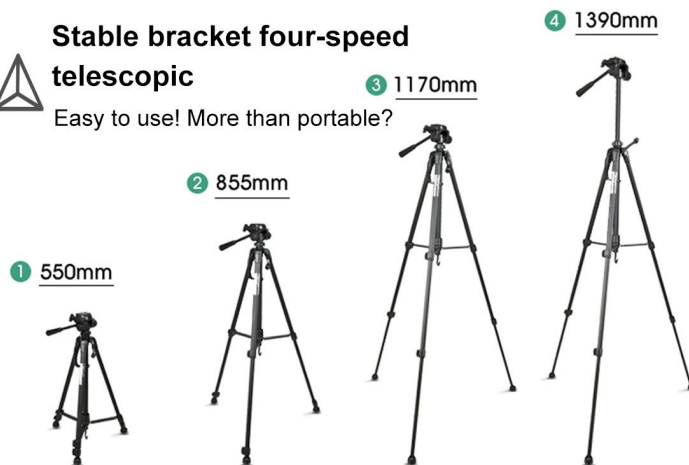
Helps to quickly adjust the level to ensure accurate measurement

Stable bracket four-speed



telescopic

Easy to use! More than portable?

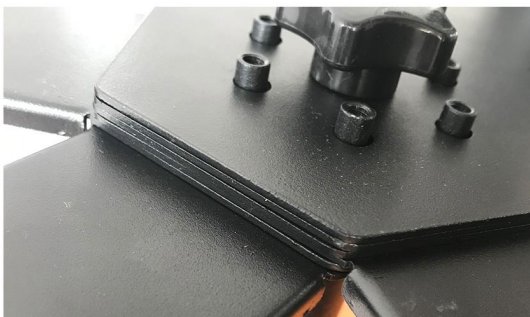


Product parameter

Parameter	Measuring range	Resolution	Precision	Unit
Temperature	-40-80	0.1	±0.2	°C
Humidity	0-100	0.1	±3	%RH
PM2.5	0-999	1	±10F.s	ug/m ³
PM10	0-999	1	±10F.s	ug/m ³
Atmospheric pressure	10-1200	0.01	±0.1	Mbar
Noise	30-130	0.1	±1.5	DB
SO ₂	0-20	0.01	±3F.s	ppm
NO ₂	0-20	0.01	±3F.s	ppm
O ₃	0-20	0.1	±3F.s	ppm
CO ₂	0-5000	0.01	±3F.s	ppm
CO	0-1000	0.1	±3F.s	ppm
Illuminance	0-20000	1	±7%	Lux

*For more parameters, please contact customer service

Real shot show



Jingxun Cloud Platform

Jingxun Cloud is a big data cloud platform based on SaaS Internet of Things. Specifically formulated for China's current government cloud system. Jingxun Cloud has the characteristics of thousands of people, thousands of faces, localized deployment of private domain names, free use of the basic interface, and all sensors of Jingxuntong can be used. Jingxun Cloud currently has more than ten industry templates such as smart cities, smart industries, smart breeding, smart agriculture, smart pipe corridors, smart public toilets, and real-time monitoring, control and early warning, expert systems, e-commerce systems, industry empowerment, and characteristic functions Six functional modules, quickly built in 5 minutes, and one-stop deployment throughout the process.

Meteorological cloud platform

Smart disaster alarm

In addition to the six elements of environmental humidity, temperature, atmospheric pressure, wind speed and direction, and rainfall, the monitoring data also includes evaporation, solar radiation, photosynthetic radiation, ultraviolet light, carbon dioxide, carbon monoxide and other elements. The monitoring parameters are highly integrated, freely collocated and applicable Used in outdoor environmental weather monitoring, campus, agriculture, highway, airport traffic and other scenarios.



Compared with the traditional automatic alarm system for monitoring disasters, the technology smart security data cloud platform will upgrade remote monitoring to view real-time data, real-time news and current disaster solutions. According to local needs, network resource pools can be established, network interfaces can be virtualized management, and different virtualization strategies can be configured.

Meteorological disaster warning system

Real-time monitoring of atmospheric pollution

The real-time monitoring cloud platform for dust and noise pollution is a monitoring system based on grid-based air pollution. It is a monitoring platform for 24-hour real-time reception, storage, downloading, graph display, intelligent analysis, and intelligent alarm notification management. This platform is located on the server. Realize remote login through the network, without installing any software, you can log in and view through a browser.



Construction site dust detection center



Smart construction site online monitoring



Atmospheric Environment Testing Center



Combined with the GIS satellite map, after all the monitoring data is analyzed and processed in the background, the corresponding icons of the equipment exceeding the standard will flash to remind.



The monitoring screen, real-time data, nearby national control point data, and historical data viewing, show the changing trend of historical data in the form of a graph, which is clear at a glance.

Hao District Green Park Environmental Testing



Smart Park & Smart City

Adhere to the development concept of innovation, coordination, greenness, openness, and sharing, based on the normal economic development, the platform positions the Internet of Things + partners of the park enterprises, and uses advanced information technologies such as cloud computing, Internet of Things, big data and artificial intelligence to plug in the park. The "green" wings of the Internet are developing and realizing resource recycling.



Smart Park Supervision System



*The above interface is customized interface, please contact customer service for details



Jingxunchangtong **Contact us**

"Use sensors to change the Internet of Things,
use the Internet of Things to change the world"

Jingxunchangtong has always adhered to the core concept of "Born for Industrial Internet of Things" and the spirit of "Excellent in products, brave in innovation, strict specifications, and masterful of kung fu".

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