



Overview

In the current era of intelligence, we have launched all-in-one Series Compact weather stations. In addition to monitoring temperature, humidity, wind direction, wind speed, air pressure, rainfall, radiation, ultraviolet, there are also image capturing functions, rich command formats to meet most of the application scenarios. We believe it is an exciting product.

Application

Smart City
Smart Street Lighting System
Tower Crane Ultrasonic Anemometer
Agricultural Weather Station
Transmission Lines Weather Station

Advantage

Maintenance-free
Easy to install without moving parts
low power consumption
Diversity of power supply
wireless communication

Model

	ZWS200	ZWS300	ZWS400	ZWS500	ZWS600	ZWS700	ZWS800	ZWS900
Wind Speed	■			■	■	■	■	■
Wind Direction	■			■	■	■	■	■
Air Pressure		■	■	■	■	■	■	■
Temperature		■	■	■	■	■	■	■
Humidity		■	■	■	■	■	■	■
Raindfall			■		■	■	■	■
Radiation						■	■	■
UVI							■	■
Photogragh								■
Compass	ZWS200C	ZWS300C	ZWS400C	ZWS500C	ZWS600C	ZWS700C	ZWS800C	ZWS900C
GPS	ZWS200G	ZWS300G	ZWS400G	ZWS500G	ZWS600G	ZWS700G	ZWS800G	ZWS900G
Wireless	LTE -G Wifi -W Lora -L							

Parameter

Measure Item	Measurement Range	Resolution	Accuracy	Remark
Wind Speed	0-60m/s	0.1m/s	±0.3m/s or ±3%	Ultrasonic
Wind Direction	0-360°	0.1°	3°	Ultrasonic
Air Pressure	10-1100hPa	0.1hPa	0.3hPa(25°C)	Silicon Piezoresistor
Temperature	-40-85°C	0.1°C	0.3°C	Platinum Resistance
Humidity	0-100%	0.1%	2%	Capacitance
Raindfall	0-200mm/Hour	0.2mm	3%*	Optics
Radiation	0-2000w/m2	1w/m2	5%*	Silicon Light
UVI	0-15 UVI			Silicon Light
Photogragh	1920*1080			
Compass	0-360°	0.1°	1°*	Electronic

Note

We accept custom configuration requirements.