

HY-WDC62E Handheld Mini Weather Station

Brief Introduction

HY-WDC62E is composed of several sensors to measure wind speed & direction based on ultrasonic sound wave travel time difference in air, it has optional temperature, humidity and pressure sensors. It's a versatile handheld micro meteorological station, which has a touchable screen to display real-time detection data. HY-WDC62E has advantages of light weight (ABS plastic shell), robust features, no moving parts, free of maintenance and site calibration, it can simultaneously output wind speed and direction, temperature, humidity, atmospheric pressure. Specially designed handle, convenient for users' operation with single hand, weight only 0.85kg. User can acquire real-time data through APP on phone connected to HY-WDC62E by bluetooth module, it's especially suitable for field inspection.



Key Features

- No moving or worn parts
- Maintenance free, long lifetime
- Adopts ultrasonic reflection probe make structure more compact
- Powered by 3*18650 rechargeable batteries
- Optional temperature, humidity, and atmospheric pressure sensors
- Built-in Bluetooth transmission module

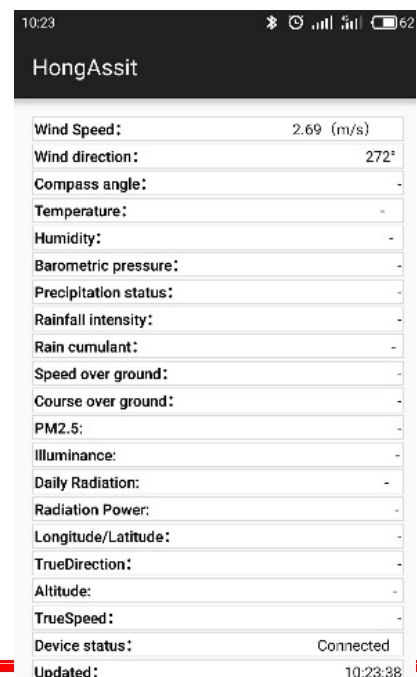
Typical Application

- Handheld meteorological multiple parameters inspection
- Mobile patrol
- Power safety inspection
- Ship, harbour and maritime inspection
- Urban environmental monitoring



Specification

Parameters	Range	Accuracy	Resolution
Wind Speed	0 - 40m/s	±5%	0.1m/s
Wind Direction	0 - 359°	±3 °	1°
Temperature	-40°C — +80°C	±0.5°C	0.1°C
Humidity	0—100%	±5%	1
Air Pressure	150—1100hPa	±1hPa	0.1hPa
Output	USB and Bluetooth		
Operating Temperature	-20°C - +60°C		
Working Humidity	0 - 100%		



10:23		HongAssit	
Wind Speed:	2.69 (m/s)		
Wind direction:	272°		
Compass angle:	-		
Temperature:	-		
Humidity:	-		
Barometric pressure:	-		
Precipitation status:	-		
Rainfall intensity:	-		
Rain cumulant:	-		
Speed over ground:	-		
Course over ground:	-		
PM2.5:	-		
Illuminance:	-		
Daily Radiation:	-		
Radiation Power:	-		
Longitude/Latitude:	-		
TrueDirection:	-		
Altitude:	-		
TrueSpeed:	-		
Device status:	Connected		
Updated:	10:23:38		

Power Supply	3x 18650 rechargeable lithium-ions batteries Last for over 24 hours(batteries should be prepared by user due to shipment regulation.)
Material	ABS engineering plastic