

## Vehicle Carried Automatic Weather Station

### Brief Introduction

HY-WDS65E vehicle carried automatic weather station is professional meteorological station manufactured by Hongyuv, which can simultaneously measure air temperature, air humidity, wind speed, wind direction, air pressure and precipitation, and the real-time display of six data elements. Bottom of HY-WDS65 is two strong magnet wrapped by rubber, convenient for installation on vehicle by attractive force of magnet.

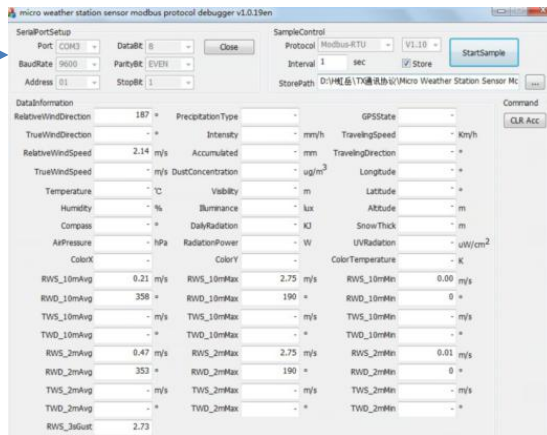
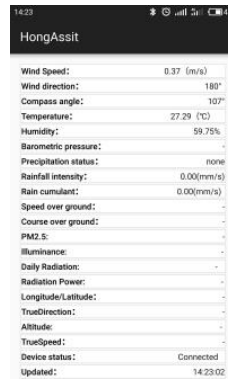
It has built-in rechargeable lithium battery and Bluetooth wireless data transmission module to send real-time data collected by weather station to APP on phone or laptop, and displayed in software. Total weight is only 1.8kg, easy for carrying and operation.

### Features

- Built-in rechargeable lithium battery last for over 10 hours
- Built-in three axis electric compass, can calculate intersection angle with geophysical north direction
- Sensor comes with heating device to ensure normal work in cold weather
- No moving parts, free of maintenance



APP  
Bluetooth  
PC software



## Technical Parameters

<b>Model</b>	HY-WDS65E			
<b>Signal Output</b>	Bluetooth			
<b>Power Supply</b>	12VDC Built-in rechargeable lithium battery last for 4 hours			
<b>Dimension</b>	150*110*320mm			
<b>Power Consumption</b>	125mA@12V(heating off)			
<b>Operating Temperature</b>	-40°C - +70°C			
<b>Operating Humidity</b>	0 - 100%			
	<b>Principle</b>	<b>Range</b>	<b>Accuracy</b>	<b>Resolution</b>
<b>Wind Speed</b>	Ultrasonic	0-60m/s	±2%	0.01m/s
<b>Wind Direction</b>	Ultrasonic	0-359°	<3°	1°
<b>Air Temperature</b>	MEMS sensor	-40°C - +80°C	±0.5°C	0.1°C
<b>Air Humidity</b>	MEMS sensor	0-100%	±2%	0.1%
<b>Air Pressure</b>	MEMS sensor	150-1100hPa	±1 hPa	0.1hPa
<b>Precipitation (Rain)</b>	Radar	0-500mm/hr	±10%	0.01mm
<b>Luminance</b>	Silicon	0-200000 lux	±5%	1 Lux
<b>Solar Radiation</b>	Silicon	0-2000 W/m2	±5%	1 W/m2
With compass and GPS integrated, output real-time relative wind speed, direction as well as true wind speed and direction, compass heading, GPS speed.				

Specifications may be subject to change without prior notice.

## Site Pictures

