

# HY-WSDCE Wind Speed Direction Controller



## Introduction

HY-WSDCE Wind Speed Direction Controller is plug-play and compatible to our ultrasonic anemometer, it can simultaneously display real-time wind speed and wind direction.

There are three alarm values can be set and correspond to three relay output which can be wired as NO or NC to trigger alarm signal or control other slave device.(each relay has corresponding indication light)

Besides, it also have two ways 4-20mA analog signal output wind speed and direction, and one way digital signal RS485 output.

Brightness of LEDs are adjustable, and delay of action of relays are adjustable to flexibly meet various requirement

## Features

- 3 ways relay alarm output (Max.Load 240VAC 10A)
- 2 ways 4-20mA current loop output(B for wind direction, A for wind speed)
- 6 keys(press one second is short press, press longer than 2 seconds is long press)
- 2 rows LED display(upper row is wind direction, lower row is wind speed)
- RS485 or RS232 output(MODBUS-RTU prototol)
- Six LEDs indication lights(three for relays,the other three for POWER,RUN,KEY)

## Technical parameters

Display	4 digit 7 Seg LED
Communication interface	RS485
Power supply	AC220V
Analog output	2 ways 4-20mA output
Digital output	MODBUS-RTU via RS485
Relay output	3 ways relay outputs
Dimension	11mm*55mm*60mm (H*L*W)
Weight	About 540g