

CDF-15A
Digital Anemometer
Manual

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CDF-15A Digital Anemometer

◆ Product Brief

CDF-15A Digital Anemometer is a rotary cup type anemometer. It is light, compact and portable. It adopts high accuracy low friction ball bearing and light-weight vane design. It can provide precise measurement in low wind speed. CDF-15A can test and real-time display wind speed ,ambient temperature and air flow at the same time. It is powered by replaceable battery, and features low power consumption and auto power-off function.

◆ Application

- Meteorological Monitoring
- Micro Environmental Monitoring
- Grid Environment Monitoring
- Agricultural Meteorological Monitoring
- Meteorological Traffic Monitoring
- Photovoltaic Environment Monitoring
- Meteorological Environment Monitoring for Smart Cities

◆ Features

- Small in size
- High integration
- Easy to install
- Integrated design
- Low starting threshold
- One year warranty

CSDA Technical Data

CDF-15A Digital Anemometer

◆ Technical Parameters

Parameters	Measuring Range	Accuracy	Resolution
Wind Speed	0-45m/s (m/s, Ft/min, Knots, Km/hr, Mph)	±3%	0.1m/s
Wind temperature	0-45° C (° C,° F)	±2° C	0.1° C
Wind Speed	0-360°	±3°	1°
Operating Temperature	-20°C—60°C		
Display	LCD With Back-light		
Power Supply	6VDC (4 *1.5V AAA)		
Protection Level	IP65		
Data	Data logger(record 500 groups of data)		
Weight(unpacked)	276g		
Dimension	Main body: 145*72*35mm		
Starting Threshold	<0.5m/s		
Data Analysis	Average / real-time wind speed,air temperature & wind direction measurement Max/ Min wind speed measurement		
Main material	ABS		

★ Specifications may be updated without prior notice.

◆ **Packing & Display**



Warranty and After-sales Service:

Warranty: The product warranty period is 12 months from the delivery date (except for the product problems caused by not operating in accordance with corresponding technical requirements or other artificial behavior).

After-sales telephone: 86-0731-86117089 www.codasensor.com Molly@codasensor.com

Other Weather Sensors

Model number	Type	Output	Special features
CDF-10A	Wind speed	Pulses(PNP) RS485 4-20MA 0-5V	Three cup plastic wind speed
CDF-11A	Wind direction	RS485 4-20MA 0-5V	Plastic wind direction sensor
CDF-12A	Pipe wind speed	RS485 4-20MA 0-5V 0-10V	Duct type wind speed sensor
CDF-13B	Wind speed display controller	LED display	Wireless output relay output
CDF-15A	Digital Anemometer	LCD display	Hand-held anemometer
CDF-20B	Combined Wind Speed & Direction	RS485 4-20MA 0-5V 0-10V	Integrated wind speed and direction
CDF-21A	Ultrasonic Wind Speed & Direction	RS232/RS485(Modbus/NMEA-0183), Voltage(0-5V),Current(4-20mA) optional	Ultrasonic principle
CDF-22A	Mini Ultrasonic Wind Speed & Direction	4-20mA,RS232/RS485(Modbus or NMEA-183), SDI-12	Ultrasonic principle
CDF-26B	Recorder station for wind	LCD display & 4G WIFI Ethernet	Wind speed & direction recorder
CDQ-T6A	Miniature Ultrasonic Automatic Weather	RS485	Wind speed & direction temp & humidity & pressure
CDW-33A	Atmospheric Temperature, Humidity & Pressure	RS485	Shelter installation
CDY-12A	Economical Tipping Bucket Rainfall	Pulses(@10kΩ&0.01uF),RS485	Diameter :φ200mm, height: 271mm
CDG-10B	Solar Radiation	0-5V,4-20mA,RS485	Spectral range:300~1100nm