

Wind Speed Online Monitor

The CMS3304 Wind Speed Monitor is a New Device for Real-time Environmental Wind Speed Measurement. It Allows Users to Set Custom Wind Speed Limits, Triggers Real-time Alerts When Limits are Exceeded, And Delivers a Tailored Environmental Monitoring Experience. This Product Features Online Network Monitoring, Utilizes the Highly Reliable and Real-time Industrial-Grade 485 bus Protocol, And Transmits the Monitor's Operating Status in Real-time to Computer Clients Via a Data bus for Data Storage and Analysis.



Wired: 1.5.01.00.0034 Wireless: 1.5.01.00.0125

Function Introduction

◆ **Wind Speed Measurement**

Real-time Measurement and Display of Wind Speed in the Device's Operating Area.

◆ **Communication Networking (Compatible with CMS, RTS2000, and RTS Protocols)**

Connection to CMS and RTS2000 Systems: Supports RS485 and Wireless Communication Protocol Interfaces for LAN Use.
 Connection to RTS System: Supports THS, RTS2000, And RTS Application Protocol Interfaces for Internet Use.

◆ **Wind Speed Measurement**

Startup Screen: Standard BFN Branding; Operating Screen: Displays Operating Status and Real-time Data During Normal Operation (A. Operating Status, B. Wind Speed); Abnormal Screen: Prominent Alert Notification.

◆ **Buzzer Alarm**

Built-in Buzzer Sounds an Alert When Wind Speed Exceeds Limits. Supports External Alarm Lights for Workshop Visual Requirements.

◆ **Local Storage**

Cyclic Data Storage Using Serial Flash Memory Ensures Data is Saved Locally During Communication Interruptions.

◆ **Restore Factory Settings**

Allows Restoration to Factory Default Settings.

◆ **Sensor Interface**

Equipped With a Serial Interface for Connecting External Wind Speed Sensors.

Application Scope

Suitable for Environmental Monitoring, Medical Laboratories, GMP Dust-free Workshops, Etc.

Product Parameters

Power Supply	DC 12V	Measuring Range	0~10m/s
Communication	Supports RS485, Wireless Comm	Display Accuracy	0.1m/s
Backup Power	Network Cable 5V	Power Consumption	600mA
Measurement Error	1%	Weight	380g
Measurement Accuracy	0.1m/s	Dimensions	L108mm*D117.5mm*H38.5mm
Operating Environment	Temperature: -20°C ~ 60°C; Relative Humidity: 0% ~ 99%RH; Indoor Use Only		