

CMS3309 Environmental Acquisition Terminal is a New Multi-Parameter Real-Time Environmental Monitoring Device, Which Can Be Used to Detect Indoor Environmental Parameters Like Temperature, Humidity, Noise, Illuminance, And Differential Pressure in Places Such as Biomedicine and Electronic Manufacturing. The Detection of Temperature and Humidity Adopts a Dual-Probe Backup Calibration Mechanism, Making the Data More Accurate and Reliable. This Product has Display, Communication, And Alarm Functions. Used Together With the Intelligent Monitoring Management Platform, It Can Send the Detected Temperature, Humidity, Noise, Illuminance, And Differential Pressure Data to the Intelligent Monitoring Management Platform Via Wi-Fi or RS485 Communication Interfaces, Enabling Real-Time Monitoring of the Device's Data and Working Status, And Achieving Data Transmission, Storage, And Analysis.



Function Introduction

◆ **Detection**

Can Detect Temperature, Humidity, Noise, Illuminance, And Differential Pressure in The Environment.

◆ **Communication Networking**

Access to Intelligent Monitoring Management Platform (IMMP); Support for RS485 and Wi-Fi Protocol Interfaces.

◆ **Display And Indication**

One Power Indicator Light, Lights Red After the Product is Powered on; Four Sensor Module Status Indicator Lights. For Each Module, Red Light on or Flashing Indicates an Abnormality (Value Out of Specified Range), Green Light on or Flashing Indicates Normal Operation (Value Within Specified Range), And Light off Indicates Module not Inserted. LCD Display: The Device's LCD Screen Displays the Detected Environmental Parameter Indicators, Supporting Display of Multi-Parameter Environmental Indicators for Four Channels on One Page; Device Type Definition Comes From the Predefined Device Type Returned by the Module.

◆ **Buzzer Alarm**

The Product Has a Built-in Buzzer. An Alarm Reminder is Triggered When Detected Temperature, Humidity, Noise, Illuminance, or Differential Pressure Data Exceeds Limits. Alarm Values for Parameters Like Temperature, Humidity, Noise, Differential Pressure, And Illuminance are All Remotely Managed Through The Intelligent Monitoring Management Platform (IMMP). When a Parameter Exceeds Its Alarm Value, The Terminal Device's Buzzer Alarms. The Buzzer Can be Temporarily Silenced by Pressing the Mute Button or Remotely Turned Off Via the IMMP System.

Application Scope

Suitable For Environmental Monitoring, Medical Laboratories, Food Processing Workshops, GMP Clean Rooms, Etc.

Product Parameters

Power Supply	DC 12V/600mA
Communication	Support For RS485, Wi-Fi
Measuring Range	Differential Pressure: -125~125Pa, Temperature: -45~130°C Humidity: 0%~100%RH, Noise: 30~120 dB, Illuminance: 1~65535 LX
Dimensions	L155*W127*H33mm
Host Material	Metal
Operating Environment	Indoor, Temperature: 0°C~50°C, 0%~85%RH