

DATA SHEET: CLJ-R210 Remote Particle Counter

Integrated Solution with Internal Pump and OLED Display

1. PRODUCT OVERVIEW

The **CLJ-R210** is a self-sufficient remote particle counter featuring a built-in vacuum pump and an OLED display. It eliminates the need for external vacuum piping while providing on-site data visualization, making it perfect for isolated monitoring points or clean micro-environments.

2. KEY FEATURES

- Built-in Vacuum:** Integrated high-durability pump for independent operation.
- Local Display:** 2.4-inch OLED screen for real-time count viewing at the sampling site.
- Modern Networking:** Supports TCPIP (MODBUS) and Power-over-Ethernet (POE) options.
- Flexible Output:** Supports 4-20mA, WiFi, or LORA communication options.

3. TECHNICAL SPECIFICATIONS

Feature	Specification
Flow Rate	2.83 LPM (0.1 CFM)
Particle Channels	0.3, 0.5, 1.0, 5.0 μ m (Customizable)
Vacuum Source	Built-in Pump
Display	2.4-inch OLED
Communication	RS485 or TCPIP (MODBUS)
Power Input	12-24V DC / 48V POE
Dimensions	135 x 120 x 60 mm
Weight	0.9 kg

4. STANDARD ACCESSORIES

- CLJ-R210 Integrated Unit
- Power Adapter / POE Connector
- Factory Calibration Report**
- User Manual

Manufactured by:
Honri Airclean Technology (Suzhou) Co., Ltd.