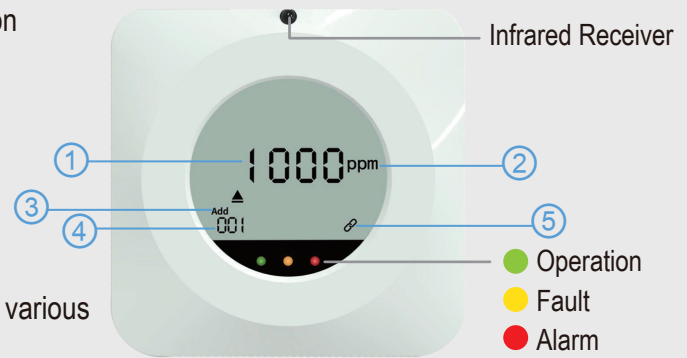


- Capable of measuring NH₃ concentration.
- Emits audible and visual alarm signals when the NH₃ concentration exceeds the preset alarm threshold.
- Highly responsive with strong anti-interference capability.
- Features a unique compensation algorithm and multi-point standard gas calibration.
- Characterized by high repeatability and excellent stability.
- Uses remote infrared control technology, allowing parameter adjustments without disassembly.
- Equipped with a high-quality LCD screen for direct value display.
- Operates on a wide DC voltage range of 10–30V, compatible with various DC power supplies.
- Wall-mounted enclosure for easy installation.



SPECIFICATIONS

- ◆ Power Supply : 10~30Vdc
- ◆ Average Power : 0.6W (24Vdc)
Consumption
- ◆ Operating Temperature : -10~50°C
- ◆ Output Signal : 4-20mA/ 0-10V/ 485 output
- ◆ Repeatability : ≤2%
- ◆ Stability : ≤2% of signal value per month
- ◆ Operating Humidity : 15~90%RH non-condensing
- ◆ Operating Pressure : 90~110kPa
- ◆ Warm-up Time : ≥5min
- ◆ Resolution : 0-50ppm: 0.1ppm; 0-100ppm: 1ppm
- ◆ Accuracy : ±8%
- ◆ Zero Drift : ≤±2ppm
- ◆ Response Time : ≤90s

- ① Gas concentration display
- ② Gas unit display
- ③ Cyclic display of Add (address) and Baud (baud rate)
- ④ In item ③, "Add" indicates the address code, and "Baud" indicates the baud rate
- ⑤ Whether RS-485 communication is successful; once communication is successful, the display remains for 60 seconds

ORDER INFORMATION

DC110-NH3- **Code1** - **Code2**

Code1	Measurement Range
50P	50ppm
100P	100ppm
Code2	Output Signal
V	0~10V
Y	RS-485
A	4~20mA

WIRING CONNECTION

Comm.	Position	Description
Power	1	Power+(10-30Vdc)
	2	Power-(GND)
Comm.	3	Signal+(485-A)
	4	Signal-(485-B)

Analog	Position	Description
Power	1	Power+(10-30Vdc)
	2	Power-(GND)
Output	3	Signal+(AO)
	4	Signal-(GND)

1 2 3 4

Wide voltage power input: 10–30V is supported.

*Note: 0–10V output requires 24V power supply.

*When connecting RS-485 signal lines, make sure A and B lines are not reversed.

Device addresses on the same bus must not conflict.

DIMENSIONS (mm)

