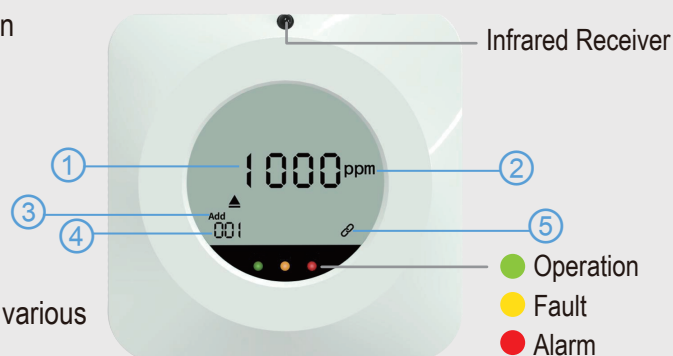


- Capable of measuring CH<sub>4</sub> concentration.
- Emits audible and visual alarm signals when the CH<sub>4</sub> concentration exceeds the preset alarm threshold.
- Highly responsive with strong anti-interference capability.
- Features a unique compensation algorithm and multi-point standard gas 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 Consumption	: 0.6W (24Vdc)
◆ Operating Temperature	: -10~50°C
◆ Output Signal	: 4-20mA/ 0-10V/ 485 output
◆ Repeatability	: ≤2%
◆ Stability	: ≤7% of signal value per year
◆ Operating Humidity	: 0~95%RH non-condensing
◆ Operating Pressure	: 80~116kPa
◆ Warm-up Time	: ≥5min
◆ Resolution	: 1%LEL
◆ Accuracy	: ±5%F.S.
◆ Zero Drift	: ≤±0.06%
◆ Response Time	: ≤15s

- 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-CH4- **Code1** - **Code2**

Code1	Measurement Range
100LEL	100LEL
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)

