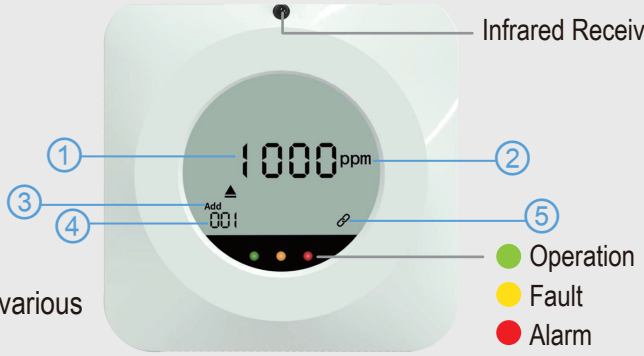
DCbox CO LCD SENSOR DC110-CO

- Capable of measuring CO concentration.
- Emits audible and visual alarm signals when the CO 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 : 100/500/1000ppm: ≦2%; 2000ppm: ≦3%
- ◆ Stability : 100/500/1000ppm: ≦2% of signal value per month
  2000ppm: ≦5% of signal value per year
- ◆ Operating Humidity : 15–90% RH, non-condensing
- ◆ Operating Pressure : 100/500/1000ppm: 90~110kPa
  2000ppm: 80~120kPa
- ◆ Zero Drift : 100/500/1000ppm: ±3ppm;
  2000ppm: ≦±10ppm
- ◆ Response Time : ≦30s

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-CO- Code1 - Code2

Code1	Measurement Range	Code2	Output Signal
100P	100ppm	V	0~10V
500P	500ppm	Y	RS-485
1000P	1000ppm	A	4~20mA
2000P	2000ppm		

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)