

KCD-DB2000

CO₂ & Temperature Indicator

■ Descriptions

- Displaying indoor CO₂ level and temperature
- Monitoring changes of indoor CO₂ level
- Check the degree of indoor pollution with CO₂ gas concentration
- Reserve clean indoor environments by connecting with ventilation system
- Flickering/Alarm functions
- Slim design, Colored Aluminum
- Easy to mount (hang against the wall like a clock, a frame...)
- High brightness LED(7-segment)
- Auto changing the brightness of display depending on indoor illumination

■ Features

- Selecting temperature °C or °F
- Auto changing the brightness of display depending on indoor illumination
- Auto Controlling the connected ventilation system
- Setting CO₂ level to close relay contacts(for alarm, ventilation...)
- Setting CO₂ level to flick displays and sound buzzer
- Monitoring CO₂ level at remote sites through RS485 communication
- Saving CO₂ level data at remote sites through RS485 communication

■ Application

Various Indoor sites
(school classrooms, stores, offices, theatres, fitness center, hospitals, etc)

■ Accessory

Including a power supply adapter
(AC100~230VAC 50/60Hz)

Contact us If you want to add technical functions or change specifications.
Our engineers will support you.

For IAQ

The indicator for Displaying and Controlling CO₂ concentration



■ Measurement	Sensing Method	CO ₂	Dual Wavelength NDIR
		Temperature	PT
	Measurement range options	CO ₂	0~2000ppm, 0~5000ppm, 0~8000ppm, 0~10000ppm
		Temperature	-10 ~ 50°C (14 ~ 122°F)
	Measurement time interval	1.5 sec	
■ General	Storage temperature	-40~70 °C	
	Warm up time	< 3min	
	Weight	< 1.5kg	
■ Operating Conditions	Temperature	0~50 °C	
	Humidity	0~95%RH (Non-condensing)	
■ Electrical	Power supply	9V DC 1.5A external adapter	
	■ Outputs	CO ₂ display, Temperature display, Relay SPST / Buzzer / RS485	
■ Dimensions	Width × Depth × Height	460mm × 220mm × 40 mm	



※ Specifications and images may change without prior notice.