

## H8-(W)or(B)-CO2



### PORTABLE NDIR CO2 MONITORING MODULE

AVAILABLE IN 2 HOUSING COLOURS :WHITE OR BLACK

ALSO DISPLAYS CURRENT TEMPERATURE & HUMIDITY

**IDEAL FOR SCHOOL CLASSROOMS & OFFICE BUILDINGS TO MONITOR CO2 LEVELS TO AID IN THE FIGHT AGAINST COVID & FOR GENERAL HEALTH & WELL BEING. THE MEASUREMENT OF CO2 LEVEL IS A GREAT INDICATION OF AIR QUALITY. THE MODULE MAKES USE OF AN NDIR TYPE CO2 MEASURING CELL WHICH OFFERS EXCELLENT LONG TERM STABILITY & AUTO CALIBRATION.**

*Avoid similar cheaper modules that use an inferior TVOC CO2 measurement cell or/& with display & alarm settings primarily designed for greenhouse higher CO2 monitoring requirements.*

The module displays the current CO2 value by a large central digital display directly in parts per million (ppm) & incorporates a surrounding colour graphic ring giving quick visual indication from afar of the range of the current reading. **Only this model supplied from HEVAC have settings specially factory modified to suit typical Australian indication & alarm standards for schools & offices**, other similar copies on the net have much higher settings typical for Greenhouse CO2 monitoring. At hazardous levels above 1000ppm an internal beeper also sounds. The device is powered by an external plug pack & to also charge its internal battery. A suitable plug pack (not supplied with unit) can also be purchased from Hevac (meeting Australian electrical standards), or make use of a spare USB type phone charger (device comes with the USB- type C cable). Can be left on charge as a semi-permanent installation or just charged and used as a portable monitor (up to 6 hr run time). Simply place on a book shelf or using the devices rear mounting lugs be wall mounted.

## TECHNICAL DATA

Product model	H8-(W) or (B)-CO2	-W = WHITE CASE, -B = BLACK CASE
Detection Technology	Infrared beam detection technology	
Proper Temperature	0 ~ 70°C	
Display Mode	LCD screen+backlight	
CO2 Detection Range	400 ~ 5000 PPM	+/- 100ppm
Product Size	70*90*35 mm	
Charging voltage	5V	
CO2 Sensor	NDIR sensor	
Battery Capacity	1200mAh	
Charging Port	Type-C	
Package Size	150*100*50mm	
Gross Weight	200g	
Net Weight	130g	
CO2 Detection Sensitivity	1 PPM	
Temp Measurement Range	0 ~ 50°C	
Temp Measurement Accuracy	±2°C	NOTE : Temperature & Humidity measurements can
Humidity Measurement Range	0 ~ 99%RH	be affected whilst charging & from other heat influences
Humidity Measurement Accuracy	±7%RH	
Packaging Details	One box: 15 * 10 * 5cm 20 pieces in a box: 24 * 25 * 24cm 80 pieces in a box: 47 * 25 * 48cm	
CO2 colour bar trigger levels	400~700 ppm: GREEN SECTION FLASHES 701~800 ppm: YELLOW SECTION FLASHES 801~900 ppm: ORANGE SECTION FLASHES 901~1000 ppm: RED SECTION FLASHING <b>OVER 1000 ppm SIREN BEEPS</b>	



## WALL MOUNTED DESIGNS

It is suitable for more scenarios and more practical.

## EXAMPLE SCREEN DISPLAYS AT VARIOUS CO2 CONCENTRATIONS



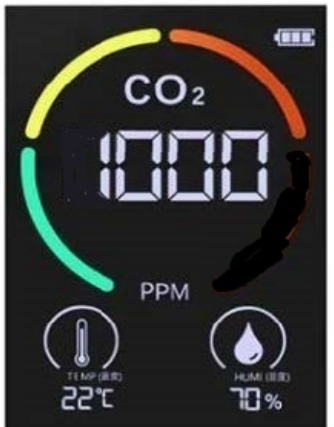
**GREEN CIRCLE SECTION FLASHES UPTO 700 ppm**



**YELLOW CIRCLE SECTION FLASHES 701-800 ppm**



**ORANGE CIRCLE SECTION FLASHES 801-900 ppm**



**RED CIRCLE SECTION FLASHES 901-1000ppm + ABOVE 1000ppm BUZZER BEEPS**

