



DMB03

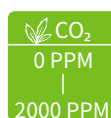
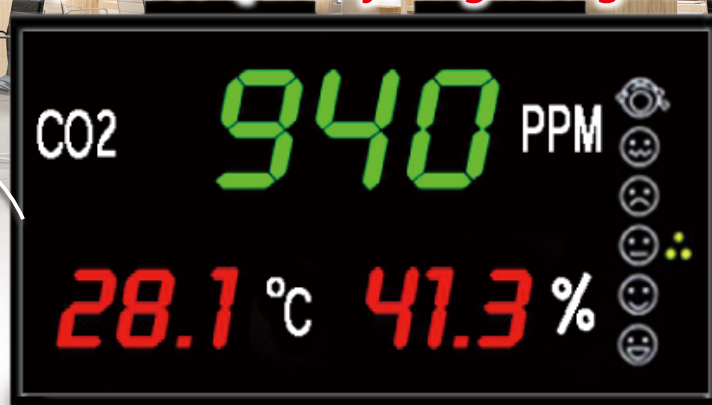
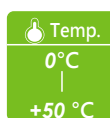
3-in-1 Multifunction CO₂ Indoor Air Quality Large LED Display / Monitor / Indicator

Signal / Meter-DMB03

www.eyc-tech.com

Easy Handle CO₂ Quality To Upgrade Work Efficiency in Jaunty breath

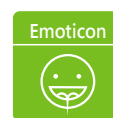
Real-Time, React Quickly, High Brightness LED

CO₂

Temperature



Humidity

CO₂ Indication

Output



Monitor in Time

| Features |

- Monitor CO₂, temperature & humidity via RS-485 at the same time
- High brightness LED, easily recognize measuring types and values
- 6-segment CO₂ emoticon, as the local situation and refer to CO₂ indication standards to transfer the suitable emoticon
- Bargain set, eyc-tech CO₂ Temperature & Humidity Transmitter / Indoor type (type : eyc-tech THG03)

| Applications |

Monitor environment for industrial process / Plant / IDC / Clean room / Laboratory / Agriculture / Storage / Hospital / Department store / Office building / Hotel / Restaurant / Library / Banks

| Specification |

Display

Display type	High brightness LED
Temperature	1.5" (3.8 cm) red LED
Humidity	1.5" (3.8 cm) red LED
CO ₂	2.3" (5.8 cm) green LED

Display range with THG03

Temperature	0 ... 50 °C
Humidity	0 ... 100 %RH
CO ₂	0 ... 2000 PPM

Input

Input	RS-485
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Electrical

Power supply	AC 100 ... 240 V
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Output

Output	RS-485
Protocol	Protocol
Interface	Modbus RTU
Address	1 ... FF (16 Hex)
Baud rate	19200, 9600, 4800, 2400, 115200, 57600, 38400
Frame	N.81, N.8.2, E.8.1, O.8.1

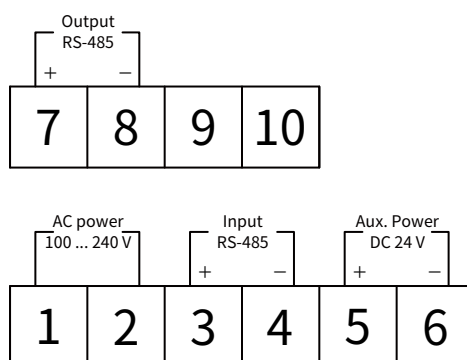
Installation

Installation	Indoor and wall type
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Dimension

Dimension	375 (L) x 200 (H) x 60 (D) mm
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| Diagram |



*請確認產品與連接RS-485之儀器共地，避免接地電壓差造成損害。

| Carbon Dioxide (CO₂) Indication |

Emoticon						
CO ₂ (PPM)	350 PPM	450 PPM	600 PPM	1000 PPM	2500 PPM	5000 PPM
Health Implication	Health, normal outside level	Acceptable level	Contaminated air	Drowsiness occurs	Adverse health effects	Time weighted averaging exposure time < 8 hours

| Optional Combination |

THG03 CO₂ Temp. & Humidity Transmitter + DMB03 3-in-1 Multifunction CO₂ Indoor Air Quality Large LED Display / Monitor / Indicator



eyc-tech THG03

Measuring range

Temp. : 0 ... 50 °C

Humidity : 0 ... 100 %RH (Non-condensing)

CO₂ : 0 ... 2000 PPM

Accuracy

Temp. : ± 0.5°C

Humidity : ± 5%RH

CO₂ : ± 40 PPM ± 3 % of reading



eyc-tech DMB03

Display scale

Display type : High brightness LED

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Humidity : 1.5"(3.8 cm) red LED

CO₂ : 2.3"(5.8 cm) green LED

Output

Output : RS-485

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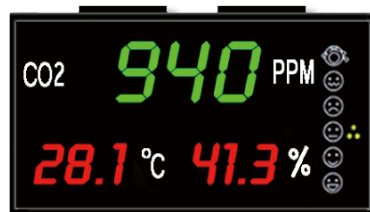
Modbus : N.81, N.8.2, E.8.1, O.8.1

| Organization |

eyc-tech THG03



RS-485



eyc-tech DMB03

RS-485



Monitor & Record

Sensor : Temp. & Humidity, CO₂