



Modify Value (Default Value: 2000)

PASS : (1) Press **[M]** display PASS

(2) Press **[▶]**  $10^3$  LED flash.

(3) Press **[▲]** 0→1→2...→8→9 (Cycle).  
( $10^2 \rightarrow 10^1 \rightarrow 10^0$  (Cycle)).

(4) Press **[E]** save, and into Temp\_BC: +0.0 °C

Temp\_BC : (1) Press **[▶]** +(-)→ ( $10^0 \rightarrow 10^{-1}$  (Cycle)).  
(Temp. Modify Value)

(2) Press **[▲]** to select +/- and 0~9.

(3) Press **[M]** to leave Temp\_BC, and into Humi\_BC: +0.0%.

Humi\_BC : (1) Press **[▶]** +(-)→ ( $10^0 \rightarrow 10^{-1}$  (Cycle)).  
(Humi. Modify Value)

(2) Press **[▲]** to select +/- and 0~9.

(3) Press **[M]** to leave Humi\_BC, and into CO\_BC: +0.0ppm.

CO\_BC : (1) Press **[▶]** +(-)→ ( $10^0 \rightarrow 10^{-1}$  (Cycle)).  
(CO Modify Value)

(2) Press **[▲]** to select +/- and 0~9.

(3) Press **[M]** to leave CO\_BC, and into CO2\_BC: +000 ppm.

CO2\_BC : (1) Press **[▶]** +(-)→  $10^2 \rightarrow 10^1 \rightarrow 10^0$  (Cycle).  
(CO2 Modify Value)

(2) Press **[▲]** to select +/- and 0~9.

(3) Press **[M]** to leave CO2\_BC, and into TVOC\_BC: +00 ppb.

TVOC\_BC : (1) Press **[▶]** +(-)→  $10^2 \rightarrow 10^1$  (Cycle).  
(TVOC Modify Value)

(2) Press **[▲]** to select +/- and 0~9.

(3) Press **[M]** to leave TVOC\_BC, and into HCHO\_BC: +00 ppb.

HCHO\_BC : (1) Press **[▶]** +(-)→  $10^2 \rightarrow 10^1$  (Cycle).  
(HCHO Modify Value)

(2) Press **[▲]** to select +/- and 0~9.

(3) Press **[M]** to leave HCHO\_BC, and into RESET\_BC: ON.

RESET\_BC : (1) Press **[▲]** to select YES / NO

(2) Press **[M]** to leave RESET\_BC, and into Measurement.

YES : Clear correction values and restore factory values.

NO : Correction values.

Setting : 1. Address : 1 ~ 255

2. Baudrate : 9.6K, 19.2K, 38.4K, 57.6K

3. Frame : n81, n82, e81, o81

Communication protocol : Modbus RTU Mode

RS-485 (Default Value: 1000)

PASS : (1) Press **[M]** display PASS

(2) Press **[▶]**  $10^3$  LED flash.

( $10^3 \rightarrow 10^2 \rightarrow 10^1 \rightarrow 10^0$  (Cycle)).

(3) Press **[▲]** 0→1→2...→8→9 to circle.

(4) Press **[E]** save, and into ADDRESS.

ADDRESS : (1) Press **[▶]** (255~1)

(2) Press **[▲]** (1~255)

(3) Press **[M]** to leave ADDRESS, and into BAUDRATE.

BAUDRATE : (1) Press **[▲]** change 9.6K, 19.2K, 38.4K, 57.6K

(2) Press **[M]** to leave BAUDRATE, and into FRAME.

FRAME : (1) Press **[▲]** change n81, n82, E81, o81

(2) Press **[E]** save.

(3) Press **[M]** to leave FRAME, and into Measure Value.

Relay Active Value (Default Value: 3000)--(Customizable)

- PASS : (1) Press **[M]** display PASS  
 (2) Press **[▶]**  $10^3$  LED flash.  
 (3) Press **[▲]** 0→1→2...→8→9 (Cycle).  
 ( $10^2 \rightarrow 10^1 \rightarrow 10^0$  (Cycle)).  
 (4) Press **[E]** save, and into Temp\_DO: 00.0°C

- Temp\_DO : (1) Press **[▶]** ( $10^2 \rightarrow 10^1 \rightarrow 10^0$  (Cycle)).  
 (Temp. Relay) (2) Press **[▲]** to select +/- and 0~9.  
 (3) Press **[M]** to leave Temp\_DO, and into Humi\_DO: 00.0%.

- Humi\_DO : (1) Press **[▶]** ( $10^2 \rightarrow 10^1 \rightarrow 10^0$  (Cycle)).  
 (Humi. Relay) (2) Press **[▲]** to select +/- and 0~9.  
 (3) Press **[M]** to leave Humi\_DO, and into CO\_DO: 00.0ppm.

- CO\_DO : (1) Press **[▶]** ( $10^2 \rightarrow 10^1 \rightarrow 10^0$  (Cycle)).  
 (CO Relay) (2) Press **[▲]** to select +/- and 0~9.  
 (3) Press **[M]** to leave CO\_DO, and into CO2\_DO: 0000 ppm.

- CO2\_DO : (1) Press **[▶]** ( $10^3 \rightarrow 10^2 \rightarrow 10^1 \rightarrow 10^0$  (Cycle)).  
 (CO2 Relay) (2) Press **[▲]** to select +/- and 0~9.  
 (3) Press **[M]** to leave CO2\_DO, and into TVOC\_DO: 000 ppb.

- TVOC\_DO : (1) Press **[▶]** ( $10^2 \rightarrow 10^1 \rightarrow 10^0$  (Cycle)).  
 (TVOC Relay) (2) Press **[▲]** to select +/- and 0~9.  
 (3) Press **[M]** to leave TVOC\_DO, and into HCHO\_DO: 000 ppb.

- HCHO\_DO : (1) Press **[▶]** ( $10^2 \rightarrow 10^1 \rightarrow 10^0$  (Cycle)).  
 (HCHO Relay) (2) Press **[▲]** to select +/- and 0~9.  
 (3) Press **[M]** to leave HCHO\_DO, and into DO1 TYPE : CO2.

- DO1 TYPE : (1) Press **[▲]** to select Temp, Humi, CO, CO2, TVOC, HCHO, ALL  
 (2) Press **[M]** to leave DO1 TYPE, and into DO2 TYPE.

ALL : When one of them reaches one of the set values, the relay will act

- DO2 TYPE : (1) Press **[▲]** to select Temp, Humi, CO, CO2, TVOC, HCHO, ALL  
 (2) Press **[M]** to leave DO2 TYPE, and into Measurement.

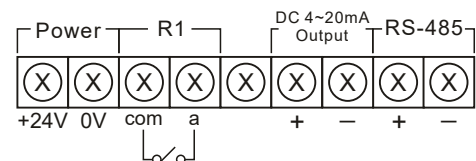
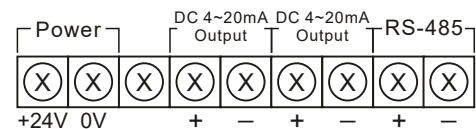
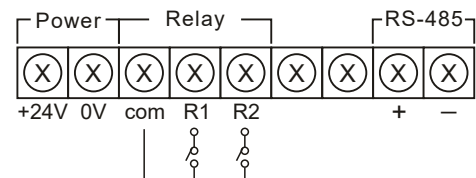
CO2 Self correction or default value (Default Value: 4000)

- PASS : (1) Press **[M]** display PASS  
 (2) Press **[▶]**  $10^0$  LED flash.  
 (3) Press **[▲]** 0→1→2...→8→9 (Cycle).  
 ( $10^2 \rightarrow 10^1 \rightarrow 10^0$  (Cycle)).  
 (4) Press **[E]** save, and into CO2ADC:ON

- CO2ADC : (1) Press **[▲]** select ON/ OFF.  
 (2) Press **[M]** leave CO2ADC and into Measure value.

If the CO2 concentration in the site is higher than 500ppm, please set it to the factory value (OFF)

## ■ Wiring Connection



## Modbus RTU Address

Address	Code	Function	Unit	Sign	Range
0000H	03H	Temperature	0.1 °C	Sign	-300 ~ 1200
0001H	03H	Humidity	0.1 %RH	Unsign	0 ~ 1000
0002H	03H	PM2.5 instant concentration	1 ug/m3	Unsign	0 ~ 999
0003H	03H	PM10 instant concentration	1 ug/m3	Unsign	0 ~ 999
0004H	03H	PM2.5 last hour concentration	1 ug/m3	Unsign	0 ~ 999
0005H	03H	PM10	1 ug/m3	Unsign	0 ~ 999
0006H	03H	CO2	1 ppm	Unsign	0 ~ 5000
0007H	03H	TVOC	0.001 ppm	Unsign	125 ~ 600
0008H	03H	HCHO	0.001 ppm	Unsign	0 ~ 5000
0009H	03H	CO	0.1 ppm	Unsign	0 ~ 5000
000AH	X	X	X	X	X
000BH	X	X	X	X	X
000CH	03H/06H	Temperature compensation	0.1 °C	Sign	-99 ~ 99
000DH	03H/06H	Humidity compensation	0.1 %RH	Sign	-99 ~ 99
000EH	03H/06H	PM2.5 instant concentration compensation	1 ug/m3	Sign	-99 ~ 99
000FH	03H/06H	PM10 instant concentration compensation	1 ug/m3	Sign	-99 ~ 99
0010H	03H/06H	CO2 compensation	1 ppm	Sign	-999 ~ 999
0011H	03H/06H	TVOC compensation	1 ppb	Sign	-99 ~ 99
0012H	03H/06H	HCHO compensation	1 ppb	Sign	-99 ~ 99
0013H	03H/06H	CO compensation	0.1 ppm	Sign	-99 ~ 99
0014H	X	X	X	X	X
0015H	X	X	X	X	X
0016H	06H	Reset compensation	-----	Unsign	1111H: RESET