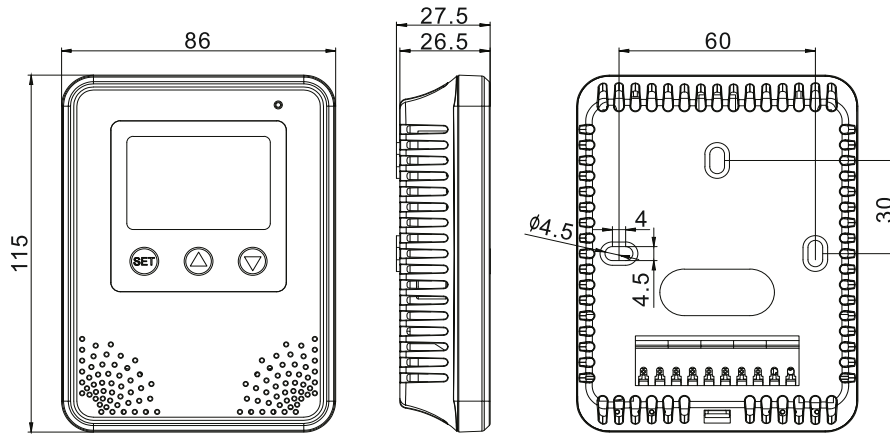
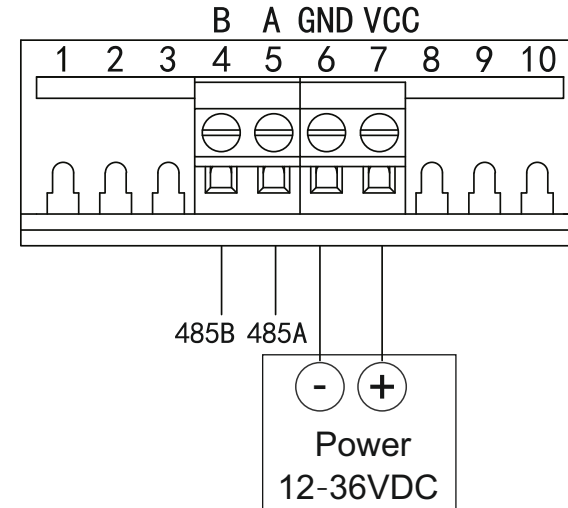


► Dimensions (mm)



► Wiring Instructions



► Installation & Mounting Holes

Fig. 1

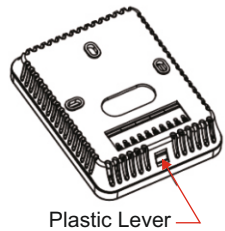


Fig. 2

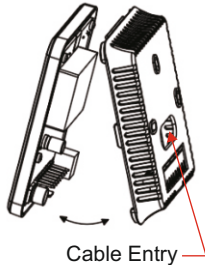


Fig. 3

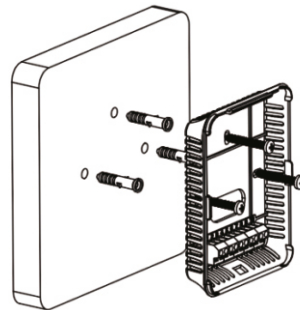


Fig. 4

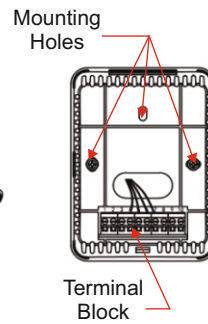
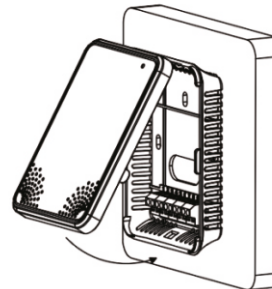


Fig. 5



1. Press the plastic lever and pull the back cover apart as shown in figures 1 & 2.
2. Make the electrical connection to the 4-terminal block fitted on the inside of the back cover. Refer the Wiring Instructions diagram. Pass the cable from the cable entry (figure 2).
3. Drill 3 holes in the wall or the switch box where the transmitter is to be mounted. Insert the plastic expansion pipes in the drilled holes. Mount the back cover using the fixing screws. Refer figures 3 & 4.
4. Press fit the transmitter front (containing the sensors and the electronics) to the back cover. Refer figure 5.

Parameter	Address	R/W	Description	Default
Temperature (16 Bit Signed Integer)	0	R	-20 to +60, 0.1 °C Resolution. Temperature = Register Value / 10 Examples : Register Value = 0x00C4 = 196 Temperature = 196 / 10 = 19.6 °C	NA
Relative Humidity (16 Bit Signed Integer)	1	R	0 to 100, 0.1% Resolution. %RH = Register Value / 10 Example : Register Value = 0x0134 = 308 %RH = 308 / 10 = 30.8	NA
CO2 Concentration (16 Bit Signed Integer)	2	R	0 to 10000, 1 ppm Resolution. CO2 = Register Value Examples : Register Value = 0x0BB8 = 3000 CO2 = 3000 ppm	NA
PM2.5 Concentration (16 Bit Signed Integer)	3	R	0 to 1000, 1 µg/m³ Resolution. PM2.5 = Register Value Examples : Register Value = 0x0064 = 100 PM2.5 = 100 µg/m³	NA
PM10 Concentration (16 Bit Signed Integer)	4	R	0 to 1000, 1 µg/m³ Resolution. PM10 = Register Value Examples : Register Value = 0x0064 = 100 PM10 = 100 µg/m³	NA
VOC Concentration (16 Bit Signed Integer)	5	R	0 to 2, 0.001 ppm Resolution. VOC = Register Value / 1000 Examples : Register Value = 0x0062 = 98 VOC = 98 / 1000 = 0.098 ppm	NA
VOC Equivalent CO2 Concentration (16 Bit Signed Integer)	6	R	0 to 2000, 1 ppm Resolution. VOC Equ CO2 = Register Value Examples : Register Value = 0x03E8 = 1000 VOC Equ CO2 = 1000 ppm	NA
Formaldehyde (HCHO) Concentration (16 Bit Signed Integer)	7	R	0 to 1, 0.001 ppm Resolution. HCHO = Register Value / 1000 Examples : Register Value = 0x0134 = 308 HCHO = 308 / 1000 = 0.308 ppm	NA
Baud Rate	9	R/W	0 = 9600 bps, 1 = 4800 bps, 2 = 9600 bps, 3 = 19200 bps	0=9600 bps
Slave ID	10	R/W	1 to 255	1

Parameter	Address	R/W	Description	Default
Parity	11	R/W	0 = None, 1 = Odd, 2 = Even	0=None
CO2 ABC Setting	16	R/W	0 = Close (default), 1 = Open (Takes effect after power cycle)	0=Close
Temperature Zero-Offset	21	R/W	-20.0 to +20.0 °C Offset = Register Value / 10 Examples : Register Value = 0x0005 = 5 Offset = 5 / 10 = 0.5 °C	0.0
Relative Humidity Zero-Offset	22	R/W	-40.0 to +40.0 %RH Offset = Register Value / 10 Examples : Register Value = 0x000A = 10 Offset = 10 / 10 = 1.0 %RH	0.0
CO2 Concentration Zero-Offset	23	R/W	-500 to 500 Offset = Register Value Examples : Register Value = 0x0010 = 16 Offset = 16 ppm	NA
PM2.5 Concentration Zero-Offset	24	R/W	-500 to 500 Offset = Register Value Examples : Register Value = 0x0002 = 2 Offset = 2 µg/m³	NA
PM10 Concentration Zero-Offset	25	R/W	-500 to 500 Offset = Register Value Examples : Register Value = 0x0001 = 1 Offset = 1 µg/m³	NA
VOC Concentration Zero-Offset	26	R/W	-0.005 to 0.005 Offset = Register Value / 1000 Examples : Register Value = 0x0003 = 3 Offset = 3 / 1000 = 0.003 ppm	NA
Formaldehyde Concentration Zero-Offset	27	R/W	-0.005 to 0.005 Offset = Register Value / 1000 Examples : Register Value = 0xFFFF = -2 Offset = -2 / 1000 = -0.002 ppm	NA
Function Register	65535 (0xFFFF)	W	for Data Initialization write Register Value = 0x5555 for VOC Baseline Initialization write Register Value = 0xAAAA	NA