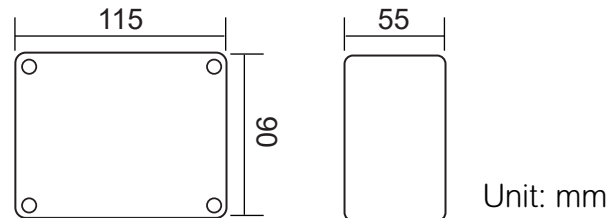


## COVER CASE (WATERPROOF) **PM2.5**



## DIGITAL UNIVERSAL PARTICLE CONCENTRATION SENSOR

- Zero false alarm rate.
- Real-time response.
- Correct data.
- Minimum distinguishable particle diameter :0.3 micrometer.

### SPECIFICATION

- ◆ Range : 0.3-1.0 $\mu$ m; 1.0-2.5 $\mu$ m; 2.5-10 $\mu$ m
- ◆ Accuracy : 1000  $\mu$ g / m<sup>3</sup>
- ◆ Response Time :  $\leq$ 10s
- ◆ Active Current : 50mA
- ◆ Output : 0-5V
- ◆ Counting Efficiency : 50%@0.3 $\mu$ m 98%@ $\geq$  0.5  $\mu$ m
- ◆ DC Power Supply : 12-24 V
- ◆ Standby Current :  $\leq$ 200  $\mu$ A
- ◆ Working Temperature Range : -20 $\sim$ + 50 $^{\circ}$ C
- ◆ Working Humidity Range : 0至99%
- ◆ MTBF :  $\geq$ 3years
- ◆ Dimension : 115x90x55 mm

Note 1: Maximum range means that the highest output value of the PM2.5 standard data is not less than 1000.

Note 2: "PM2.5 standard data" is the "data2" in the appendix.