

3. Electrical specifications

Working voltage: 2.0~2.2V (2.1V typ)
 Battery Type: Two 1.5V AAA alkaline batteries
 Power consumption: under 500mW

4. Standard specifications

Size: 75 (H) × 44 (W) × 10 (D) mm
 Weight: 11g (include two AAA batteries)

5. Environmental requirements

Temperature:
 operation: -10~+50°C
 Transport and storage: -25~+55°C

6. Reliability

operation: 100% MTBF (accelerated life)
 Transport and storage: 100% MTBF (accelerated life)

Storage life guarantee

Operation lifetime: >1000h
 Transport and storage: 1000h (no battery)

NOTE:

Working voltage: 2.0V~2.2V
 Output power: <1.5W

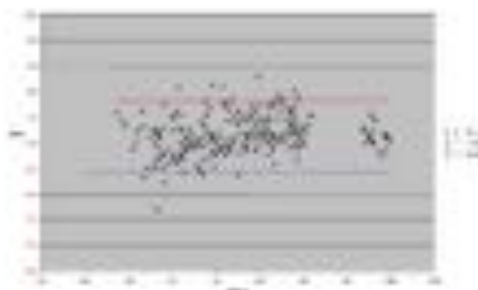
Area Specifications

1. Light Area

Light Area	Area Specification
10%~20%	1.00
30%~40%	1.20
50%~60%	1.50

2. Thermal Data (typical) Unit

Temperature Range	10~20	30~40	50~60	70~80	90~100	110~120	130~140	150~160	170~180	190~200
Max	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
Power	10	15	20	25	30	35	40	45	50	55
Working Life	1	2	3	4	5	6	7	8	9	10
Standard deviation	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
Standard error	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
95% confidence interval	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
Upper LCL	0.9	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1	4.5
Lower LCL	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Mean	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
Standard	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Max Mean Error	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50



Troubleshooting

Problem	Possible causes	Solution
The light and the display do not work properly.	1. The battery is not properly inserted. 2. The power is not supplied to the device.	1. Please re-insert the battery. 2. Check the power supply to the device.
The light and the display do not work properly.	1. The battery is not properly inserted. 2. The battery is not properly inserted.	1. Please re-insert the battery. 2. Check the battery.
The device does not power on.	1. The battery is not properly inserted. 2. The battery is not properly inserted. 3. The device is not properly inserted.	1. Check the battery. 2. Check the battery. 3. Check the device.
The device does not power on.	1. The battery is not properly inserted. 2. The battery is not properly inserted. 3. The device is not properly inserted.	1. Check the battery. 2. Check the battery. 3. Check the device.

Symbol Meaning

Symbol	Meaning
	"RECYCLING". Please refer to the operation manual.
	Type B1 Requirement.
	The product does not contain flame hazards.
	When the end-user wishes to discard this product, it must be sent to separate collection facilities for recovery and recycling.
	Substitution of components, including repair and assembly.
	State of distribution.
	Recycling symbol.
	Recycling symbol.
	Recycling symbol.
	Recycling symbol.
	Recycling symbol.

Manufactured for Smart Meter Corporation by:
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If you need additional information, please contact customer service at 1.888.671.8267.

Appendix A EMC Declaration

Customer and manufacturer's declaration - electromagnetic immunity
 for all equipment and accessories

Customer and manufacturer's declaration - electromagnetic immunity			
The manufacturer declares that the product complies with the requirements of the EMC Directive (2004/108/EC) and the EMC Directive (2004/108/EC) for the product.			
Equipment type	Frequency	Immunity level	Test method
RF immunity (EMC II)	100 kHz	100 V/m	EN 61000-4-2
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