



STHZ01

— ZIGBEE TEMPERATURE &
HUMIDITY SENSOR

Environment Monitoring with Display



COMMUNICATION	Zigbee
FREQUENCY	2.4 GHz
TX POWER	≤ 15 dBm
RANGE	100 m (open air)
WORKING VOLTAGE	DC 3V (AAA $\times$ 2)
LOW BATTERY	$2.5V \pm 0.2V$
TEMP. ACCURACY	$\pm 0.5^{\circ}\text{C}$
HUMIDITY ACCURACY	$\pm 3\%$ RH
STANDBY CURRENT	≤ 30 μA
WORKING CURRENT	≤ 30 mA
OPERATING TEMP.	$-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$
BATTERY LIFE	> 1 year (20 readings/day)
DIMENSIONS	$\varnothing 61.2 \times 23$ mm