PRODUCT SPECIFICATIONS

DOC. NO. 241107STH0AEN



Key Features:

◆ Clear 2.8-inch LCD screen intuitively displays temperature, humidity, comfort level, signal, and battery data;

◆ Equipped with high-precision Swiss sensors, provides accurate readings: temperature from -20°C to 60°C (±0.2°C) and humidity from 0 to 99% RH (±2% RH);

◆ Monitor temperature and humidity anytime through the app, with data updated every minute (screen data refreshes every 10 seconds);

◆ App enables viewing historical data curves from the past year, covering temperature, humidity, dew point, and VPD (Vapor Pressure Deficit). Supports hourly, daily, weekly, monthly, and yearly views with options to scroll and zoom;

◆ Two comfort options: Human Comfort (default) and Custom Comfort. Users can check on-screen if temperature and humidity are comfortable. With Custom Comfort, users set preferred temperature and humidity ranges;

◆ Plant-Friendly: App displays dew point and VPD, and also allows users to customize comfort levels for plant growth, making it easy to manage the growing environment.

Smart Thermometer Hygrometer

STH0A

Technical Specifications

Screen Size	2.7 inches
Power Supply	2 × AA batteries (Pre-installed, Replaceable)
Voltage	1.5 V DC
Product Life	5 years
Battery Life	1 year
Material	ABS

Alarm Volume	No sound when the temperature or humidity exceeds or falls below the set level (the base station will sound and an app push notification will be sent)	
Operating Temperature	-4–140°F (-20–60°C)	
Operating Humidity	0–99% RH	
Operating Frequency	US: 902–928 MHz EU: 869.25–869.3 MHz	
Max. RF Power	EU: 10 mW	
Temperature Accuracy	-4–32°F (-20–0°C)	Typical accuracy: ±0.36–0.72°F (±0.2–0.4°C); Maximal accuracy: ±0.72–1.26°F (±0.4–0.7°C)
	32–140°F (0–60°C)	Typical accuracy: ±0.36°F (±0.2°C); Maximal accuracy: ±0.72°F (±0.4°C)
Humidity Accuracy	10–90% RH	Typical accuracy: ±2% RH; Maximal accuracy: ±3.5% RH
	0–10%/90–99% RH	Typical accuracy: ±2–3% RH; Maximal accuracy: ±3.5–5% RH
Product Weight	126 g	
Product Dimensions	68 × 30 × 77 mm	
Package Contents	1 × Thermometer Hygrometers + 2 × AA Batteries (pre-installed) + 1 × User Manual	

Ordering Information

Part Number	Pack Quantity	Dimension	Weight	Units/Carton
STH0A - 1 pack	1 x Alarm Unit	75 x 42 x 84 mm	175 g	112 units

X-SENSE