

DEXATEK

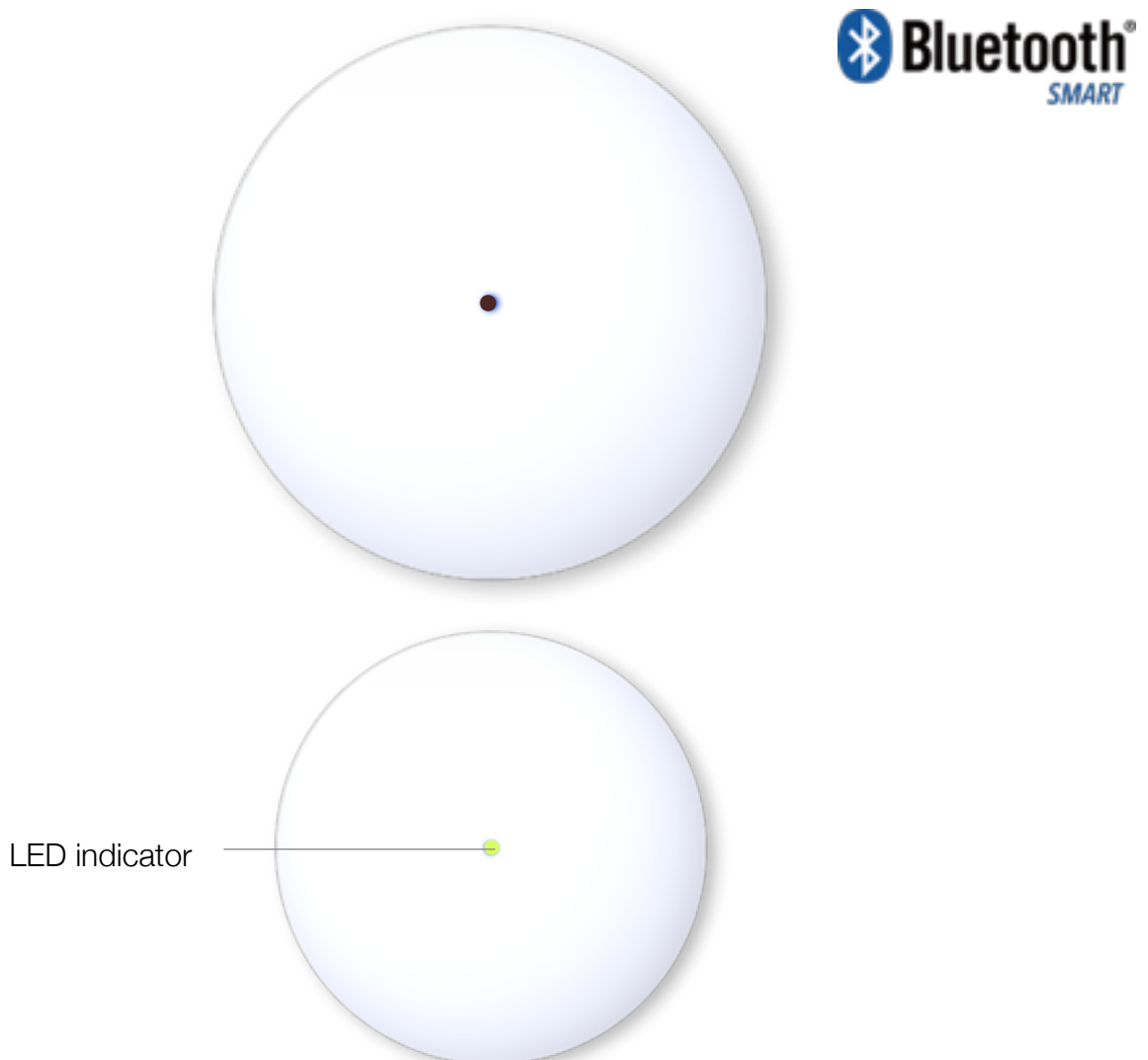
# Smart Weather Sensor with Air pressure detection Specification

# 1. Description

The Smart Weather Sensor is a compact device to provide you surrounding real-time weather information including Temperature, Humidity and Atmospheric pressure. It can help you to know environment comfort index. And with the weather forecast provided from ΣCasa App, it can help you to get well prepared for your day.

The sensor connects to Dexatek Smart Gateway via Bluetooth 4.0 smart - Bluetooth Low Energy. With this linkage, you can check the weather data anytime and anywhere from your smart phone.

With Dexatek JobLink system and Smart Gateway, you can set your desired trigger event action to control the other Dexatek Smart Peripheral when you feel too hot/cold or too humid/dry.



## 2. Features

- High Precision non-contact temperature measurement (+/- 0.5°C)
- Temperature detection range: -20°C ~ +85°C
- ΣCasa App provides 24-hour weather forecast to help you make best preparation
- ΣCasa App synchronize weather data every 2 minutes to cloud server
- Low battery alarm: the sensor will alarm when battery life is under 28%
- Easy installation, no wiring needed
- ΣCasa JobLink supported

## 3. Specification

Item	Description
<b>Bluetooth</b>	Bluetooth 4.0 Smart (Low Energy Support)
<b>Power Supply</b>	Two AAA batteries included
<b>Power Consumption</b>	Power consumption: 0.28mA
<b>Battery life</b>	Over 6 months with Alkaline battery, 3 months with zinc-carbon battery(1.5V )
<b>Humidity operating range</b>	0 ~ 90% RH
<b>Temperature operating range</b>	-20°C ~ +85°C
<b>Pressure sensing range</b>	260 ~ 1260 mbar
<b>High resolution mode</b>	0.020 mbar RMS
<b>Transmission range</b>	25m for mixed space, 100 m for open space
<b>Indoor/Outdoor</b>	Indoor or Outdoor
<b>Operating Temperature</b>	0 ~ 40°C
<b>Weight</b>	30g
<b>Dimension</b>	80 x 22 (mm)

## 4. Accessories

- Two AAA batteries

## 5. LED status

Color	Status
Yellow	BLE broadcast for pairing (1 Second flash interval)

## 6. System Required

- iOS - iOS 8.0 and above with Bluetooth Low Energy(Bluetooth 4.0)
- Android - Android 4.3 and above on Bluetooth 4.0 Smart Ready devices
- ΣCasa/SmartCasa App
- ΣCentral/Smart Gateway

## 7. Installation

- Before starting to use Dexatek Smart Weather Sensor, please make sure you have ΣCentral/Smart gateway and ΣCasa App installed. If you don't have ΣCasa App on your smart phone, please download from Google Play for Android phone or Apple store for iPhone.



<https://itunes.apple.com/tw/app/casa-smarhome/id944794117?mt=8>

You can use either the QR code or the click the link to download ΣCasa App



<https://play.google.com/store/apps/details?id=com.SigmaCasa.SmartHome>

- **Pair with Dexatek Smart Gateway**  
Please refer to [Smart Home Quick Installation Guide.pdf](#)