Smart Air Quality Monitor—HS3AQ

APP		CO₂		ZigBee						
Remote control	Spare battery	CO₂	Audible and visual alarms	ZigBee	Real-time monitoring	Desktop or wall	Linkable	Temperature&Humidity	Unique Design

Product Introduction

The monitor is used for detecting the air quality in the indoor environment, including CO2 ,temperature and humidity (temperature and humidity are optional features) .

Adopting advanced sensor with high stability, small sensitivity drift and long service life, free from calibration operation. Aided by advanced Zigbee wireless technology(Zigbee is optional feature).

The user could learn about the home air environment at anytime, anywhere, and keep the home air quality at its best.
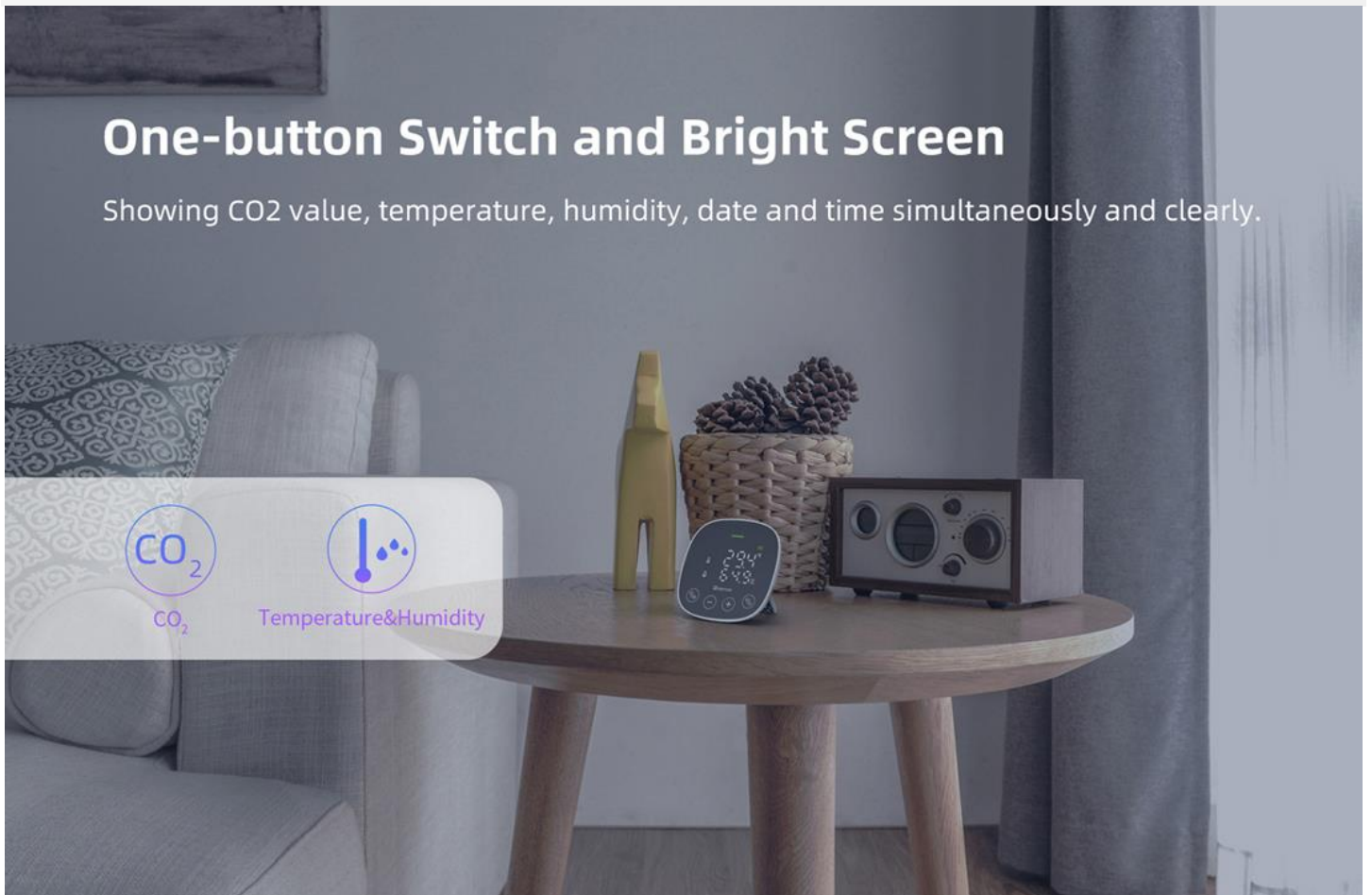
Simplified Design

The monitor is equipped with a high-definition screen,
delicate and compact,full screen without black edge.

DELICATE | COMPACT

One-button Switch and Bright Screen

Showing CO2 value, temperature, humidity, date and time simultaneously and clearly.

CO₂

CO₂

Temperature&Humidity

Monitoring Automaticly

Care for the health of breathing anytime and anywhere.

Real-time monitoring

PRODUCT INTRODUCTION
This high-stable indoor Air Quality Monitor (hereinafter referred to as the monitor) is used for detecting the air quality in the indoor environment,
including CO2, temperature and humidity (tempera- ture and humidity are optional features). As a multifunctional and Smart Air Quality Monitor, the monitor adopts advanced sensor with high stability, small sensitivity drift and long service life, free from calibration operation. Aided by advanced Zigbee wireless technology, the monitor can report environmental data in real time stably and reliably. Once the monitor detects that the indoor air quality deteriorates excessively, the monitor will send alarm concentration information to the Smart Gateway, which will push alarm message to the mobile APP through the cloud server in real time remotely. So the user could learn about the home air environment at anytime, anywhere, and keep the home air quality at its best. The monitor is applicable in indoor environments such as residential houses, offices, etc.

Mirror-surface Screen

Being a mirror after the screen off.

Dual-power supply

Using adapter power supply and containing a backup lithium-ion battery..
Widely used in house,educational place,sports venues,
offices and other scenarios.

Spare battery

Own patented design

The appearance is our own patented design, unique in the market.

Unique Design

Technical parameters:

Wireless protocol:Zigbee 3.0

Communication Distance:100 meters

Output Power:2.4GHz

Working Voltage:DC5V

Working Temperature:-10℃+55℃

Working Humidity:0-95%RH

Certificate:CE

Warranty:10 years
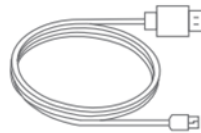
Monitoring range:400-5000ppm

PRODUCT FEATURES

- **Large LED display shows CO2 level, temperature, humidity, date and time**
- **30 degree tilt angle makes the display easy to see and read.**
- **Indoor air quality level indication: Good, Normal, and Poor.**
- **Stable NDIR sensor for CO2 detection.**
- **Visible and audible CO2 warning alarm.**
- **ABC (Automatic Baseline Calibration) CO2 calibration.**
- **Maximum or minimum CO2 level, temperature, humidity alarm setting function.**
- **Do not disturb setting function.**

Packing List

Air Quality Monitor x1

Micro USB Cable x1

Adapter x1

User Manual x1

Accessories Package x1

Bracket x1

Positioning Mark x1

Power Supply	AC adapter Input: AC 100~240V, Output DC5V/1A Micro-USB
Backup Battery	Lithium Battery
CO2 Sensor Type	non-dispersive infrared (NDIR) sensor
CO2 Sensor Lifespan	max.10 years
Networking	Zigbee
Operating Temperature	-10°C to 40°C
Humidity	10% to 95% (non-condensing)
Installation Location	Wall or desk-stand
CO2 Measurement Range	400-5000ppm
CO2 Accuracy	100 ppm or 10% of the measured values,Whichever is higher
Air Quality / CO2 Concentration	Good: <1000ppm Normal: 1000~2000ppm Poor: >2000ppm,Values can be adjusted on the CO2 setup page
Alarm Triggering	Poor: >2000ppm(can be adjusted on the CO2 setup page)
Dimension	90x90x26mm （Without bracket ）