ZKTECO

User Manual
Air Quality Detector AQD-H35

Version: 1.0

Product Specifications

Display method: Common Screen display
Atmospheric pressure: 86Kpa to 106Kpa
Detection method for CO2: Infrared (NDIR)
Detection method for PM: Laser scattering
Sampling time: 1.5 seconds
Product Size: 90*90*50mm
Concentration unit for CO2: PPM
Concentration unit for PM: ug/m3
Power source: Lithium battery with 2000 mAh capacity;
5V DC power charging via micro USB port
Product weight: 200g

Product Description

This product is an air quality monitor that detects Carbon dioxide (CO2) in real-time monitoring.

Considerations

Please read the instructions carefully before using this device.
Please let the device work short mins outdoors before use for most accurate results .
Please keep the manual handy for quick reference and troubleshooting.

Precautions

Avoid covering the air intake areas during use to avoid inaccurate measurements.
Avoid use of solvents to clean the product as residual fumes will skew air quality readings.
Avoid water or other liquids near the product to avoid electrical damage.
Do not allow unauthorized modi cation or repair of this product.

Features:

-Common Screen display
-Test variables: Carbon dioxide (CO2)
-Large 2000mAh capacity Lithium battery
-5V Micro USB charging
-Low battery warning
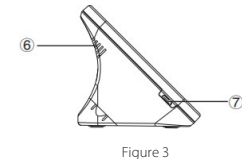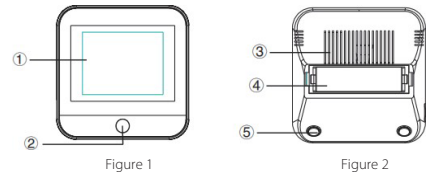

Instructions

1. Start Up

When you long-press the power button, the air quality monitor will boot up.

It would auto ash each 5 seconds switching data from PM1.0, PM2.5, PM10.

Product Key Function Description

Figure 1   Figure 2

Figure 3

①Display screen
②Power button
1. Long press for 3 seconds to turn device on/o ;
2. Single click to switch Celsius and Fahrenheit;
3. Double click to turn on/o Alarm function(when turn on alarm function, it would beep sound once CO2 value more than 1000PPM)
③Air hole of back
④Battery cover of back
⑤Foot pads
⑥Side air ow holes
⑦USB charging port

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2. About Charging

When low battery icon is displayed, the device needs to be charged. Insert the included or another compatible micro USB charging cable into the device. Attach the other end to a USB DC charger (such as a smart phone charger) that outputs DC 5V at >=1000mA. Fully charge for at least 2-3 hours before use. Avoid charging with a USB computer port which only outputs 500mA.

3.Parameters

CO2 technical indicators

Measuring range: 400 to 5000PPM	Sensor for CO2: Infrared (NDIR)
Resolution: 1 PPM	

Product List

Air Quality monitor	x 1
Micro USB charging cable	x 1
Product Manual	x 1