



This product is an innovative portable air quality monitoring device. It can detect various environmental parameters in real-time, including PM2.5, PM10, Carbon Dioxide (CO2), VOC, Temperature, and Humidity. Measurements and the Air Quality Index (AQI) assessment are displayed in real-time on a high-definition color screen. Supports Tuya Smart connectivity for integration with the Tuya app, enabling remote viewing of real-time data and interoperability with other smart products. Features an innovative lightweight design without a built-in rechargeable battery. The plug is rotatable and can be positioned at 0°, 90°, or 180°, supporting desktop placement, attachment to mobile terminals, wall socket mounting, and other application methods (multiple power supply options). Suitable for flexible, rapid environmental quality assessment in homes, offices, outdoors, and various other scenarios.

- ◆ Avoid exposing the unit to organic solvents (including silicone and other adhesives), paints, chemicals, or oils.
- ◆ The instrument may malfunction if the on-site gas concentration exceeds its measurement range.
- ◆ Prevent the instrument from falling from heights or suffering severe impacts.
- ◆ Damage caused by human factors or improper use is not covered under the free warranty.
- ◆ Short term storage the product within a temperature range of 0°C to 60°C, recommended storage 10°C–50°C and relative humidity ≤85%. Keep indoors in a ventilated area and avoid contact with strong acids, strong alkalis, or other corrosive substances.
- ◆ Avoid severe vibration and impact during use.

- ## Technical Specifications

Measurement Parameter	PM2.5	PM10	CO2	TVOC	Temperature	Humidity
Range	0~999 µg/m ³	0~999 µg/m ³	400~ 5000PPM	Level 1 to 500	-10~50°C	0~99%RH
Communication	Wireless Communication					
Display	2.0-inch TFT HD Color Screen					
Power Supply	Type-C (DC 5V Only)					
Operating Temp	-10°C~+50°C					
Storage Temp	Short term storage -20°C~+60°C; Recommended storage 10C~50°C					
Weight	61.4g					
Dimensions	57*52.5*23.5 mm					

Diagram



- ① 90°/180° Rotatable Foldable Connector
- ② Touch Button
- ③ High-definition Display
- ④ Lanyard Hole
- ⑤ Ventilation Holes

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

- RF warning for Portable device:

The device has been evaluated to meet general RF exposure requirement.

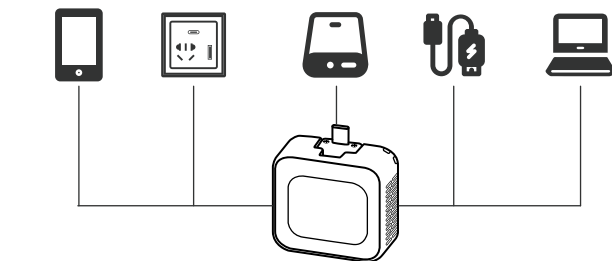
The device can be used in portable exposure condition without restriction.

FCC ID:2BFDL-MINI603

Monitor Main Unit X1	User Manual X1	Type-C (Female) to USB-A Cable X1	Wrist Strap X1	Storage Bag X1

Install the app according to the instructions on the app instruction card.

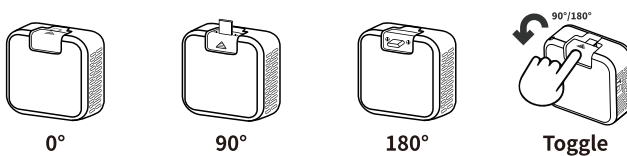
1. This product is compatible with Tuya Smart. It can be controlled via the Tuya app and interconnected with other Tuya-enabled products.
 2. Scan the QR code to download and install the Tuya app. Users with the app already installed will be directed to the device connection page. Alternatively, search for "Tuya" in your app store, download, and install it.
 3. Open the Tuya app homepage and follow the in-app instructions to add the device.
- Tip:** Due to app updates and upgrades, the actual steps may differ slightly from the description above. Please follow the current guidance within the app.



Use the Type-C interface to connect the monitor directly or via an adapter to a power source such as a power bank, power strip, computer, or other device capable of supplying power (DC 5V). A cable can also be used. The monitor will automatically power on. Please refer to the operating instructions to select your desired function.

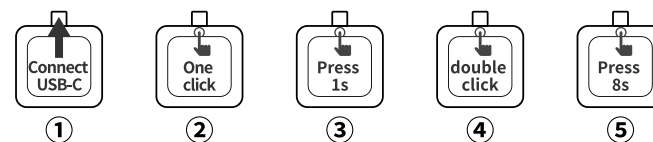
Note: The external power source must support DC 5V output for normal operation.

The Type-C plug is rotatable with multi-angle positioning (0°, 90°, 180°). Compact and portable, it adapts to various usage scenarios.



WARNING:
Use only manufacturer-recommended power supplies (only DC 5V) to prevent damage

- Action: Press and hold the Touch Key for 8 seconds.



"USB Authorization Failed" displayed	Poor connection. Re-plug the device.
App malfunctions after exiting & re-entering during a test	Behavior varies by phone OS. If encountered, re-plug the device and restart the app.
Unable to connect sensor with some Android phones	Before testing, manually enable the "OTG" switch in your phone's settings.
Can the alarm thresholds be adjusted?	Thresholds can be adjusted via the app.