

## QP Air Monitor

The QP Air Monitor comes with a USB-C charging cable, you will need to add your own 5v/1A power adapter plug to charge from a socket. Although it has a battery that allows it to be moved around without losing data (about 4 hours battery life), it has been designed to be permanently plugged in.

### Switching on

- The first time you switch it on, plug into a power adapter and charge – ideally overnight (ensure temperature isn't above 40 degrees when charging)
- From screensaver – long press the on/off button at the top

### Switching off

- Press the power button at the back to switch the screen off (battery saver)
- Long press the power button to turn the device off

### First time set-up

- When you first power up (or if the monitor has off for more than 7 days), the tVOC sensor will automatically initialise and this can take up to 4 hours. Please note if you interrupt this process, it starts again from the beginning. If the power is off for less than 7 days, it will take up to 12 minutes to initialise. The device can still be used during the initialisation with the countdown timer for initialisation showing in place of the tVOC reading. Please keep the device plugged in during initialisation. If the tVOC isn't automatically initialised, you can do it via the Settings/Reset sensors link outlined above
- The three dots on the top indicates there are three screens that can be accessed through swiping on the touchscreen
- SCREEN 1 - Sensors (see below)
- SCREEN 2 - Weather/timer (see below)
- SCREEN 3 - Settings, please swipe to this screen to finish the set-up
  - Wi-Fi
    - Select Wi-Fi button and find your network
    - Enter the password and wait for it to connect
  - Brightness
    - Adjust brightness of the screen
    - If you use this in your bedroom, there is a night-time setting which will adjust the brightness
  - Settings
    - The CO2 sensor will need to be calibrated manually. Click 'Reset Settings' and reset the CO2 sensor. You will need to place the device outside for around 5 minutes as it will use the more consistent outdoor level as a baseline

- You should do this when you first power up and any time you feel the CO2 settings are out of sync
- If the tVOC didn't automatically initialise when you first powered up, you can do it here
- Check if there have been any updates to the firmware by selecting 'Firmware Updates' in the settings. Always check you are connected to the latest version

## Using the app

- Everything you need to do for set-up can be done on the device. For remote access to the data, you will need to download Qingping+ app onto your phone and
  - Register with an email address - a verification code will be emailed to you
  - Create a password with at least 6 characters (alpha-numeric)
  - Select the + button and add the 'Air Monitor'
  - On the device, go to screen 3 and click on the hexagon button to open the settings. Select the first link 'Qingping+ App' and then follow the instructions
  - Enter the verification code into the app
- Using the device gives you access to 24-hour data and 30 day data. However, the app allows you to download unlimited data in 15 min increments

## Using the device

- SCREEN 1
  - All 5 sensors appear on the same screen with the main sensor having greater screen space
  - Each sensor has a light bar under it, colour-coded to green/amber/red for quick alert notifications
  - The main sensor gives you the following additional information:
    - Click on the actual reading to get background information on the threshold levels
    - Click on the chart symbol to the right of the reading to get the 24 hour or 30-day data for that sensor
  - By clicking on any sensor, you will make it the primary sensor which has a more prominent space on the screen and allows you to delve into the two options listed above
- SCREEN 2

- This shows you the date, time and weather information
- The settings for this can be changed on screen 3 (see below)
- SCREEN 3 - settings (hexagon symbol)
  - Qingping+ App: This screen is used to connect to the Qingping+ app on your phone. Once you have registered an account, the device will give you a verification number to enter on the app
  - Automation: The QP Air Monitor works with a limited number of devices where if the reading is high, the purifier/aircon/humidifier will switch on. Not many will apply to UK users but there is a Qingping email address to request other brands
  - System update: This tells if you if you are connected to the latest version of firmware
  - Screen: Select 'auto-brightness' or manually set your brightness. The 'screen saver' option allows you to select what you would like to see in screensaver mode, plus when this mode kicks in. The 'screen auto-off' is different to the screen saver in that it will switch off the device. Use this to preserve battery life, you won't need this if permanently plugged in
  - Reset sensors: You will be familiar with this during the set-up process but both tVOC and CO2 can be re-calibrated at any time you feel the sensors are out of sync
  - Standard: This sets the AQI reading based on Chinese or US standards. It defaults to China but in the UK, our thresholds of 'good/moderate etc' are closer to the US standards so select 'US' for a more accurate reading
  - Units: Choose which units to measure temperature and tVOC
  - Battery percentage: Lets you switch on the battery icon on the top right of each screen
  - Date and time: Set the clock to 12/24 hours and the time-zone
  - Location: You will need to select your nearest city, we hope to be able to add more locations in subsequent updates

### Tips

- The battery life should last around 4 hours as it is built-in to enable you to move from room to room without losing data. This product is designed to be permanently plugged in
- If the screen goes blank while in battery mode, check the 'screen-saver' option on Screen 3 (see above)

- If the device is switching off, please check the 'screen auto-off option on Screen 3 (see above)
- If you have two different air quality monitors and are concerned about the fluctuations in CO<sub>2</sub> levels between the two, don't worry. Outdoor levels are around 350 - 450 ppm so the discrepancy could be due to when and where you calibrated the sensors when you first set it up