



TURING

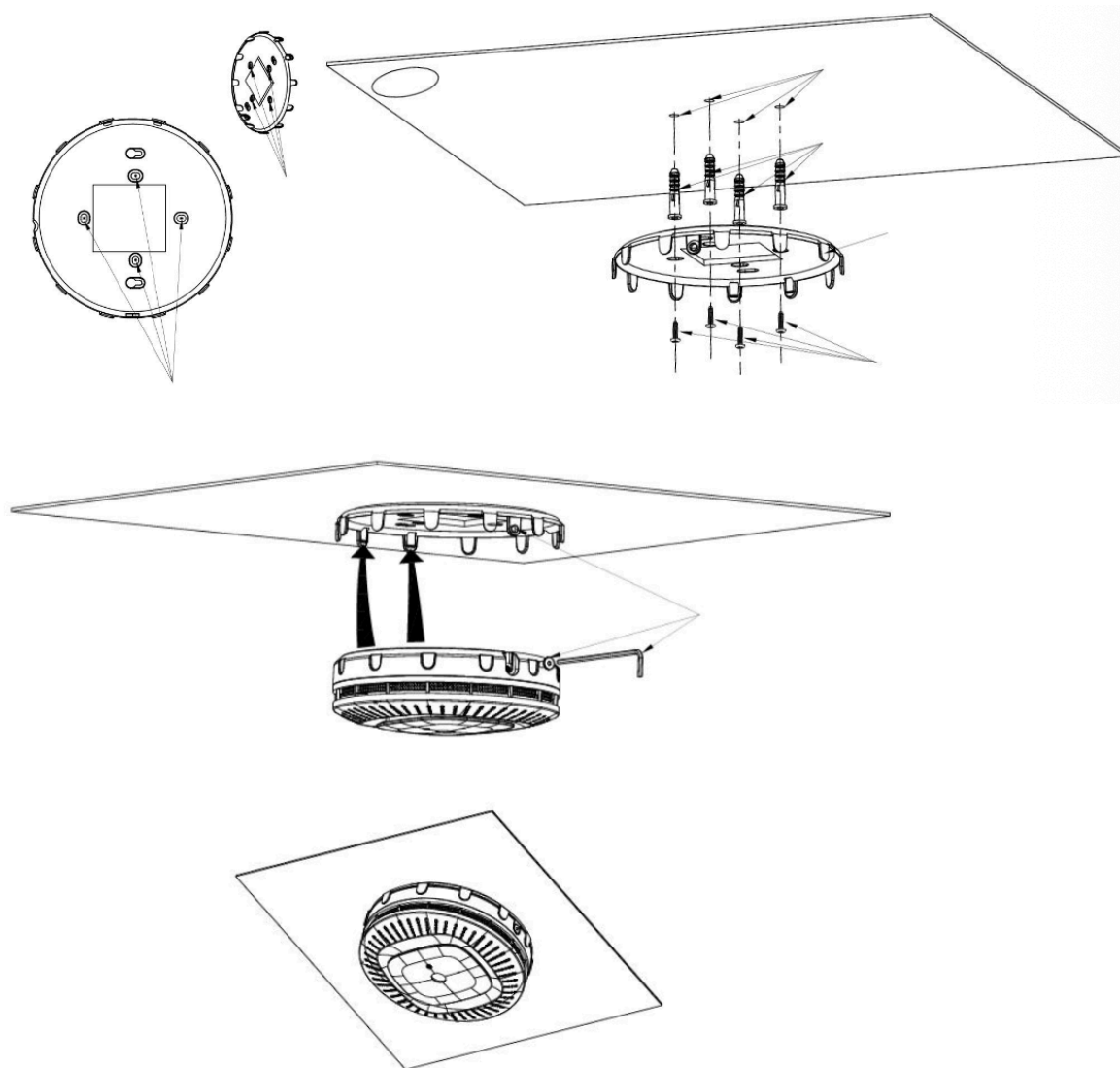


Turing TP-SNS01 Smart IP Environmental Sensor

User Manual

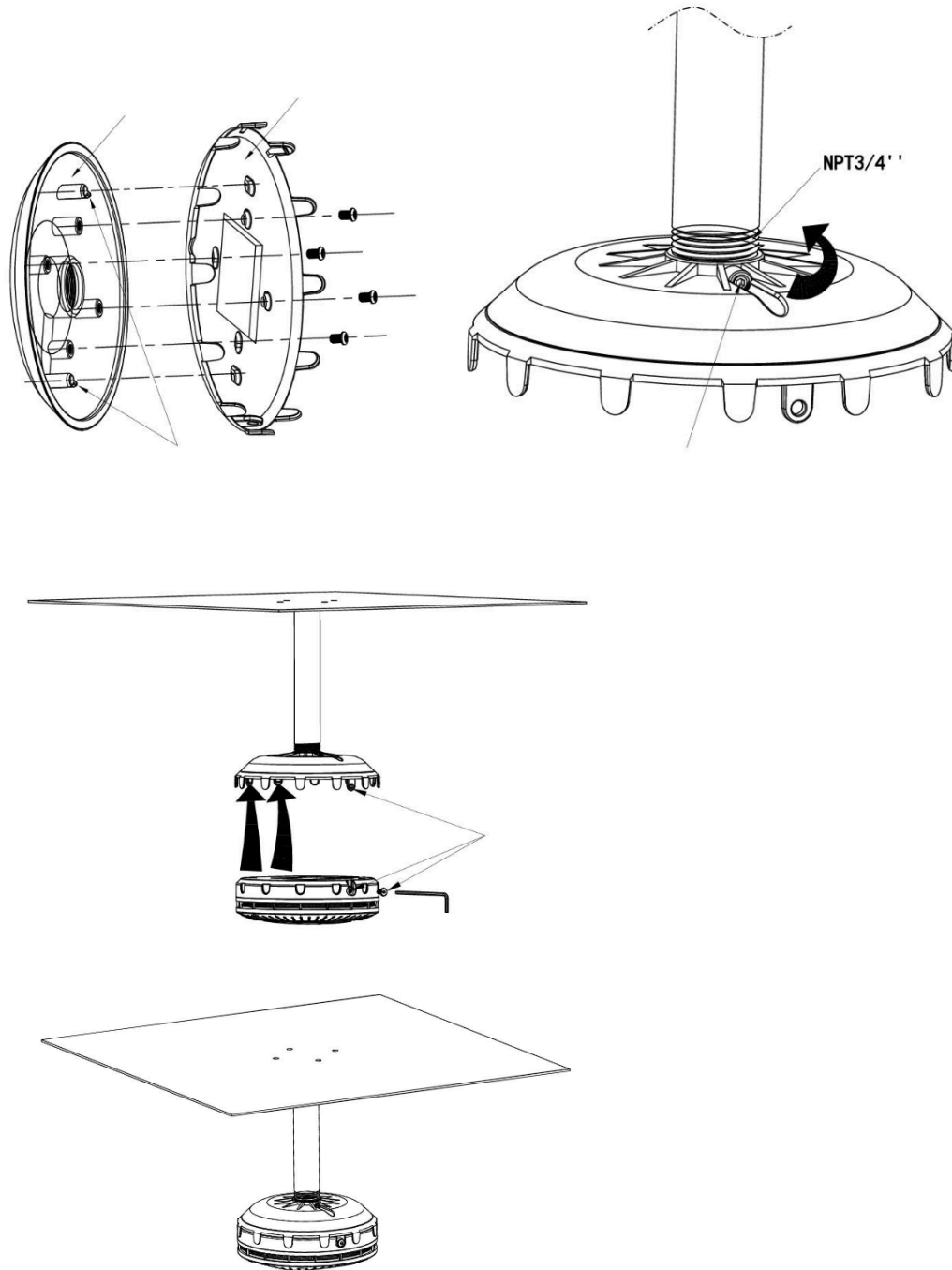
Section I: installation

Ceiling Mount



The cap to the ceiling may have already been installed with the sensor, please uninstall it off from the sensor and install to the ceiling separately

Pendant Mount



The pendant cap comes with the sensor. Pipe is not included

The cap to the ceiling is pre-installed with the sensor. Please uninstall it first and install with the pendant cap

Pipe requirement: $\frac{3}{4}$ -inch NPT threaded pipe, subject to hardware confirmation.

Detection area

This sensor can cover up to 200 sq ft in an air-conditioned open space at 10 ft ceiling height. For best detection, please make 8ft separation with each sensor.

Section II: Vision configuration

Add device to the Turing Vision platform

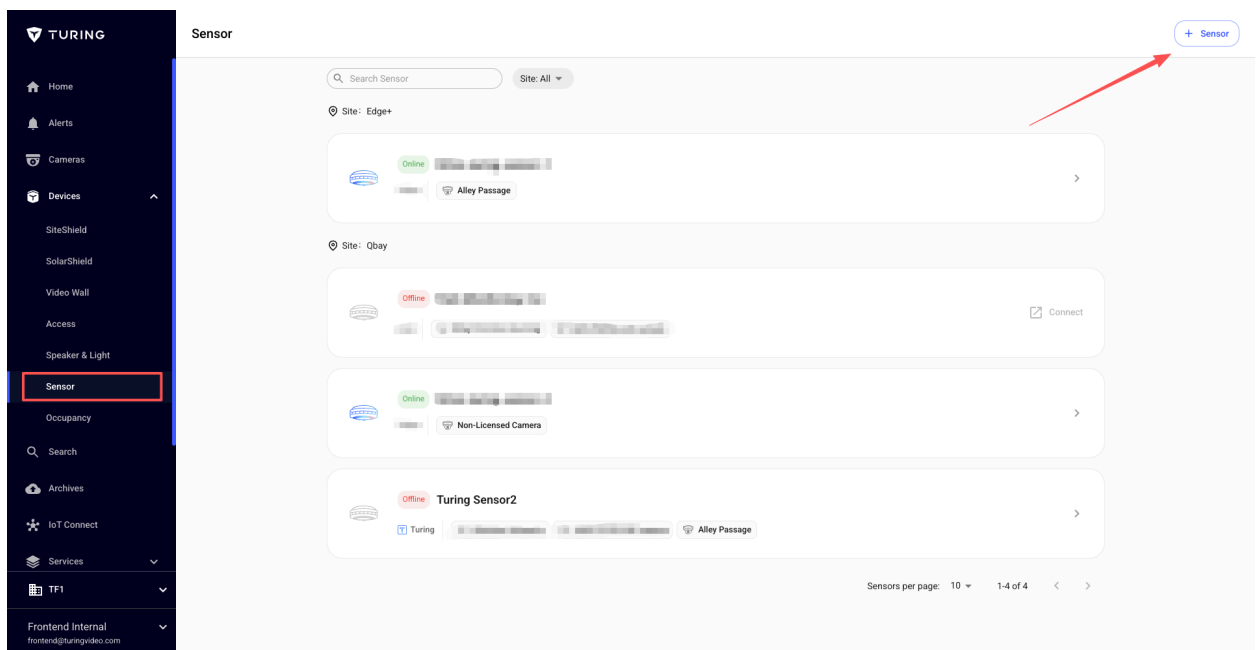
Pre-requisites: sensor comes with Dynamic Host Configuration Protocol (DHCP) enabled. Vision platform can directly find the sensor based on the MAC address of the device. If for some reason DHCP is unavailable in your environment, please use default IP address and credentials to access the sensor, and then modify the IP address/router/DNS information to your specified network.

Default IP address: 192.168.0.1

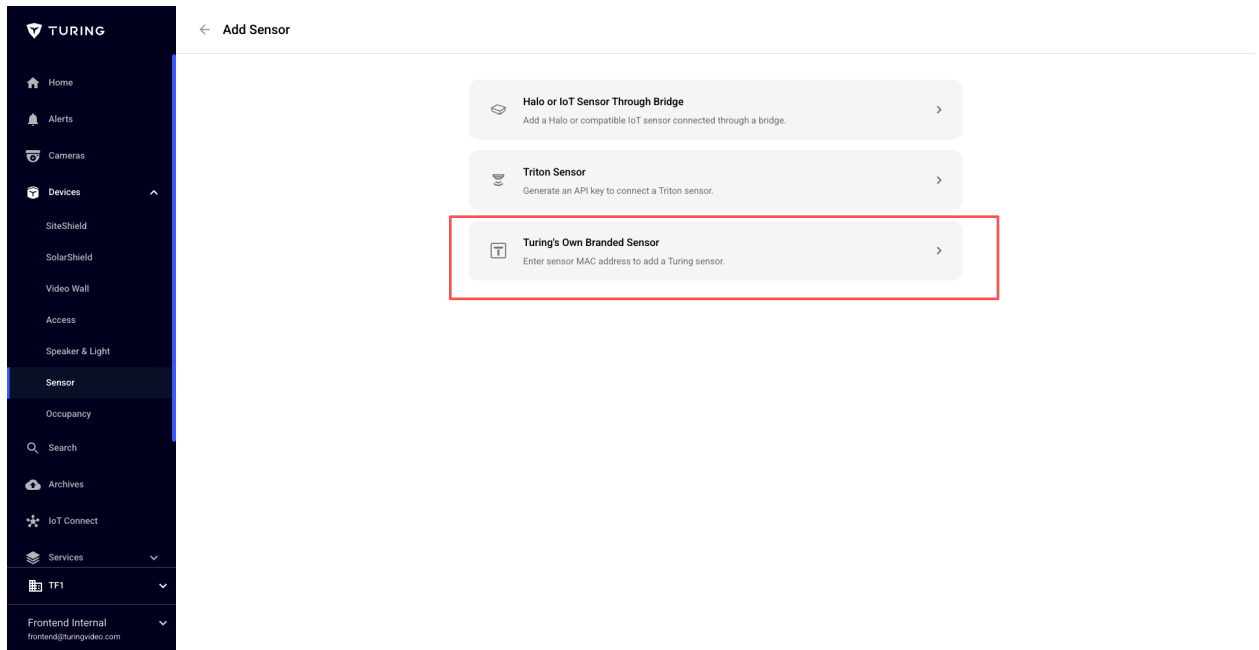
Default Username: admin

Default password: 111111

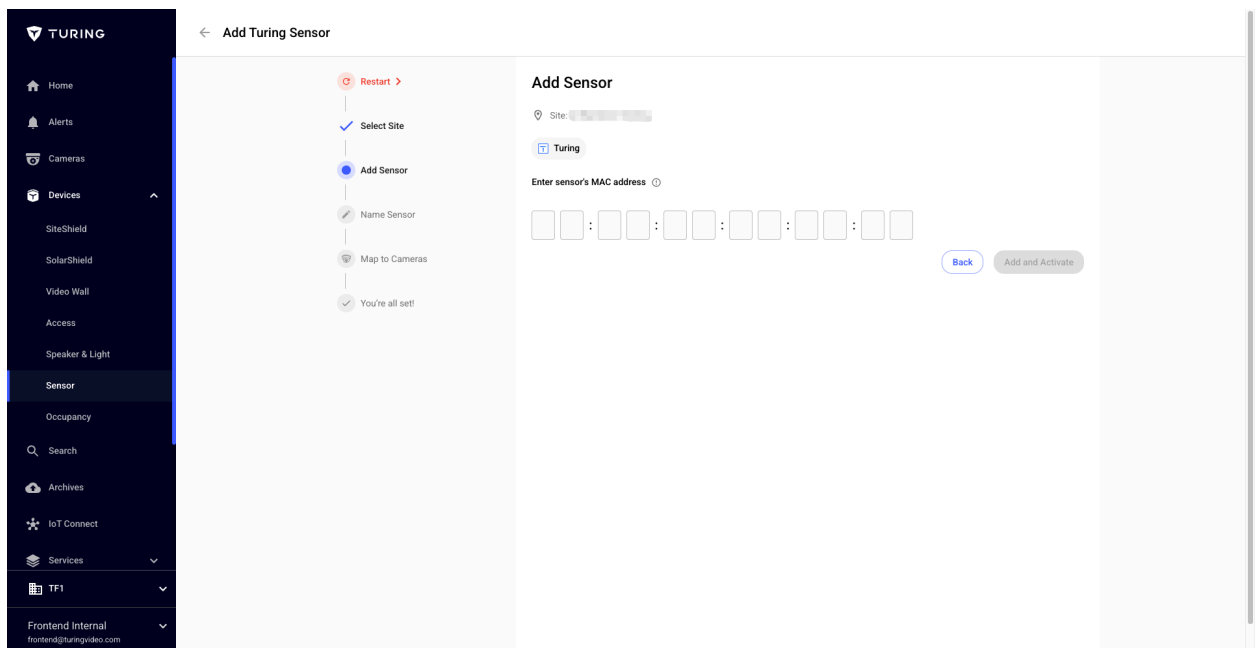
Step 1: go to Vision platform, under Devices -> Sensor, locate “+ Sensor” button on the top right corner



Step 2: click on “Turing’s own branded sensor” button in the screenshot



Step 3: select site, and add sensor via mac address. If sensor is connected to an environment that an IP address is granted via DHCP, system will automatically find the sensor information via mac address



Step 4: map to cameras

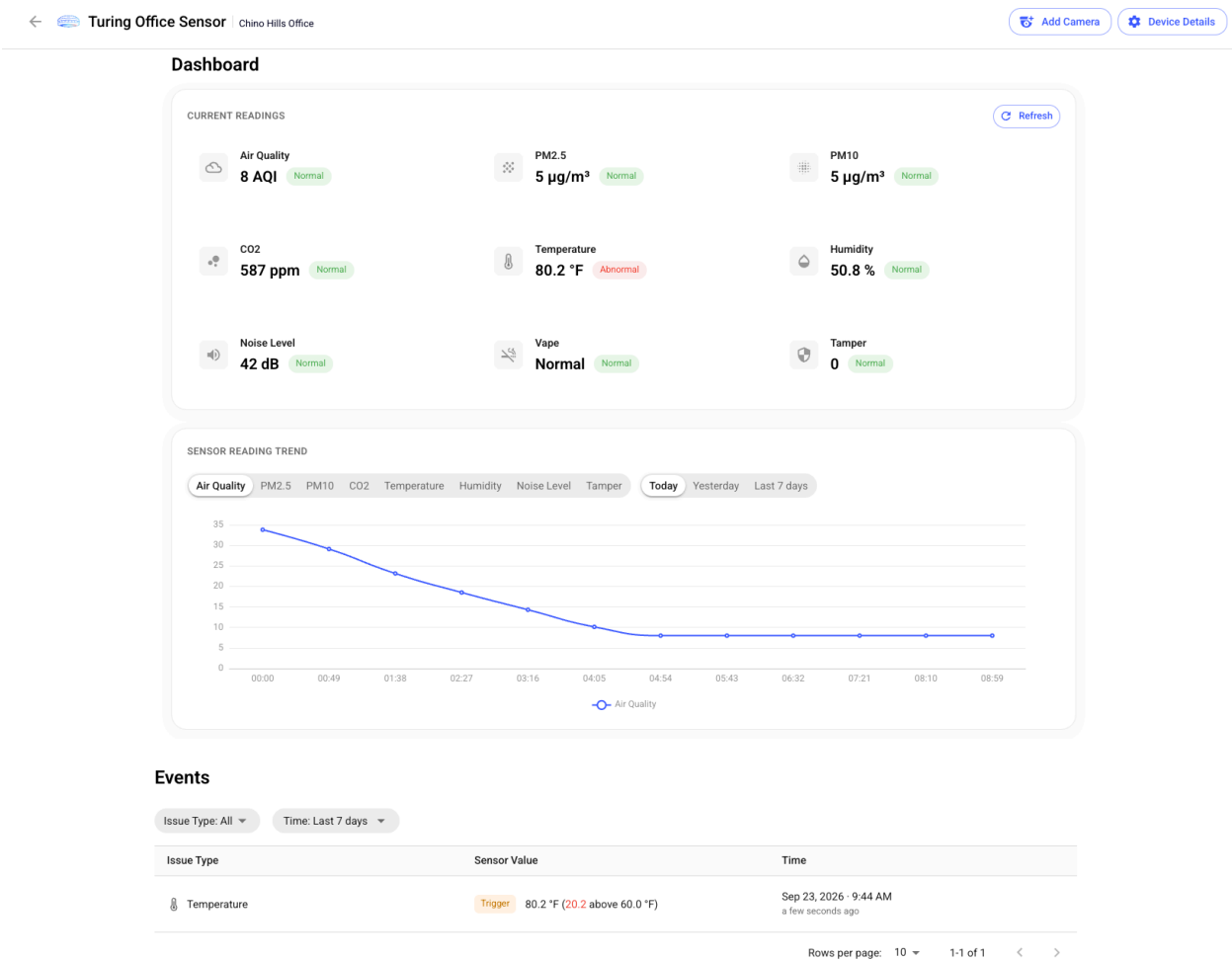
Select at least 1 camera for sensor mapping. When sensor activities are coming up, you will be able to check the video footage based on the camera linked to this sensor.

The screenshot displays the Turing AI web interface. On the left is a dark sidebar with navigation options: Home, Alerts, Cameras, Devices (expanded), SiteShield, SolarShield, Video Wall, Access, Speaker & Light, Sensor (selected), Search, Archives, and IoT Connect. The main content area is titled 'Add Turing Sensor' and shows a progress bar with steps: Restart, Select Site, Add Sensor, Name Sensor, Map to Cameras (current step), and 'You're all set!'. The 'Map to Cameras' section is titled 'Map to Cameras' for the 'Chino Hills Office'. It includes a note: 'Map to Cameras (Optional): Only cameras with a Core AI or higher-tier license can be mapped to a Sensor. Sensors without a mapped camera cannot be used to create alert rules.' Below this, it states 'Selected 1 of 4 cameras.' and shows a grid of 12 camera thumbnails. The thumbnails are labeled: 1st Floor Lobby, 2 Parking East 2, Entrance Door, Front (East) Stair, Front Stair Exit, Main Entrance Path, Office Hall 1, Office Hall 2, Parking East 1, Parking South, Parking West, and Network Closet. The 'Network Closet' thumbnail is selected with a blue circle. At the bottom right are 'Back' and 'Next' buttons. The bottom of the sidebar shows 'Public Demo Test Account' with an email address.

Section III: Vision configuration

Note: please do not access sensor web interface to configure parameters as this will make information on both platforms un-aligned. All sensor parameter setup should be done on the Vision interface for operation. In some situations, network setup or sensor misreading requires sensor web access, please use credentials specified in this manual.

See below the display of sensor main interface



Go to device detail - > Alert Thresholds, and you will be able to configure parameter thresholds from there

The screenshot shows the 'Alert Thresholds' configuration page for a 'Turing Office Sensor' (Chino Hills Office). The left sidebar contains navigation links: Home, Alerts, Cameras, Devices, Search, Archives, IoT Connect, Services, Alert Settings, Settings, My Dealer, and Guardian AI. The main content area lists various sensors with their respective threshold settings:

- PM10:** Trigger threshold 1500 $\mu\text{g}/\text{m}^3$, Release threshold 1000 $\mu\text{g}/\text{m}^3$
- CO2:** Trigger threshold 1500 ppm, Release threshold 1450 ppm
- Temperature:** Trigger threshold 95 °F, Release threshold 95 °F. A red box highlights this section with a red error message: 'Must be lower than trigger'.
- Humidity:** Trigger threshold 90 %, Release threshold 85 %
- Noise Level:** Trigger threshold 95 dB, Release threshold 90 dB
- Vape:** Trigger At once, Reset time 60 sec
- Tamper:** Trigger threshold 500, Release threshold 400

A green button at the bottom indicates 'Device details refreshed'.

Trigger threshold: to trigger events on the main page when received reading exceeds configured threshold here

Release threshold: to release events threshold (clear events) when received reading below configured threshold here.

For vaping, we use time duration for reporting. Vaping events will be cleared after a configured time period.

Please note: do not set both threshold levels the same, as this will invalidate the detection. The release threshold must be lower than the trigger threshold

Section IV. Alert Setup

If you want to be notified with text messages/app push notifications, please configure the alert reading from the Vision platform “Rules & Notifications” section. Please go to Rules & Notifications, under new rules, select “Sensor” as the rule type.

When selecting the Turing sensor, you will see the type of the parameters that you would like to be alerted with. The sensor will trigger an alert with configured push notification or SMS/Email notification when the reading is above threshold configured on the sensor page.

You can also set up alerts breaking in between so you don’t get duplicated notification for the same matter.