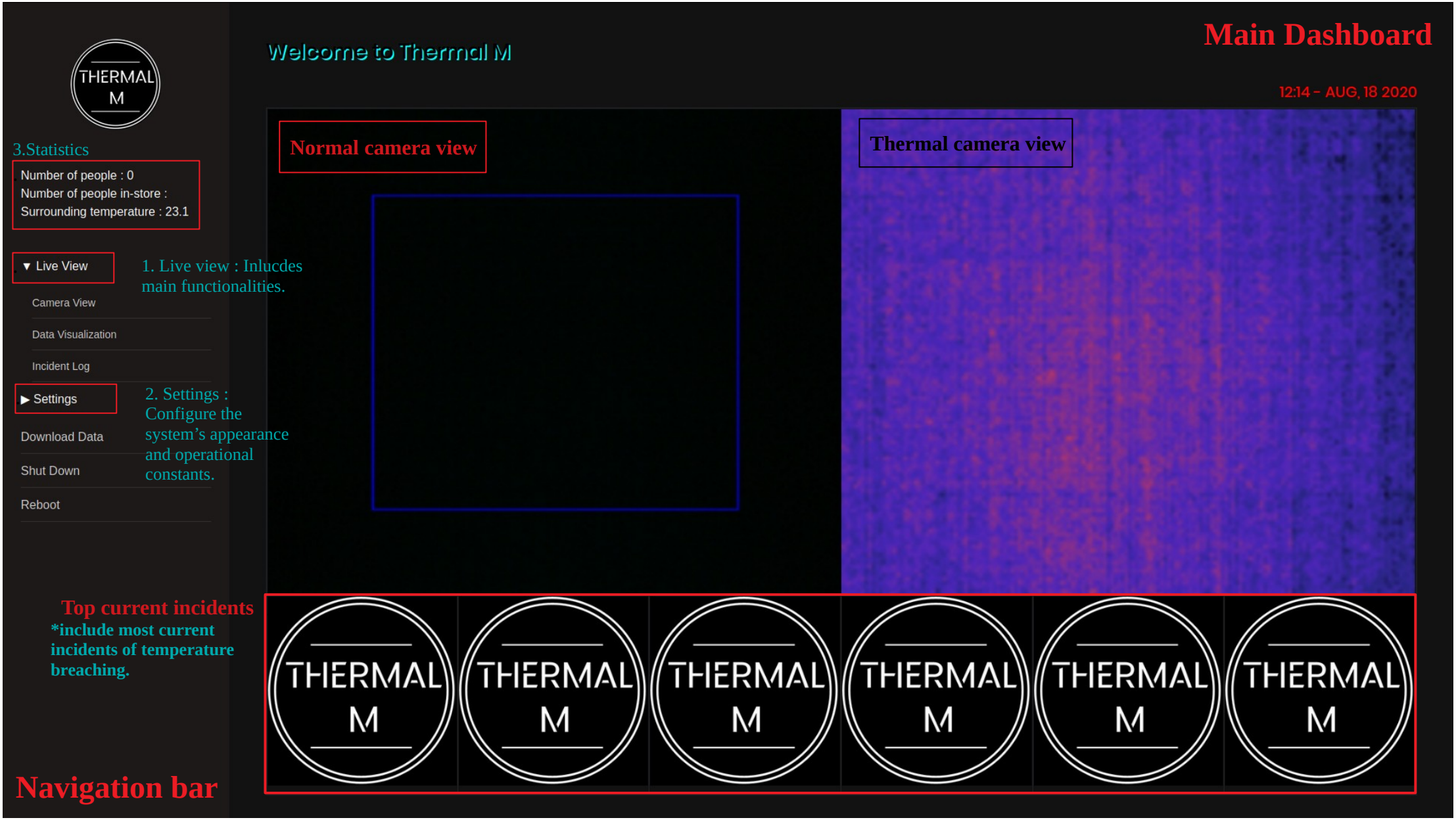
ThermalM Solutions Pte Ltd

ThermalM – Fever detection system

User manual

I. Thermal-M default components explanation.



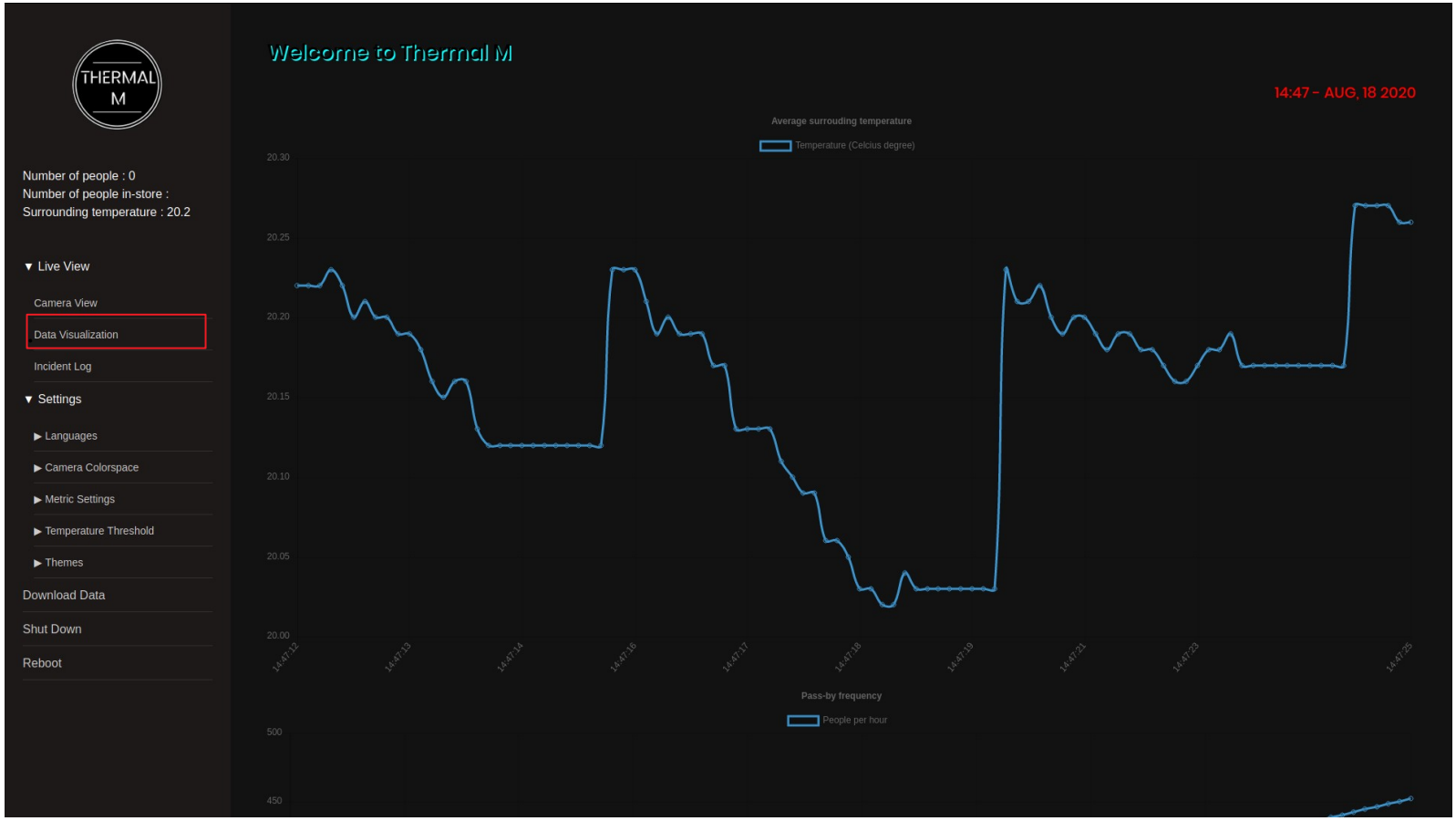
II. Live View.

Contains the main functionalities of the application with “Camera View” as the default view under the dashboard (As explained in I). Besides, there are “Data visualization” tab which summarizes data as line charts and “Incident Log” tab which contains all incidents (either with normal temperature or abnormal temperature).

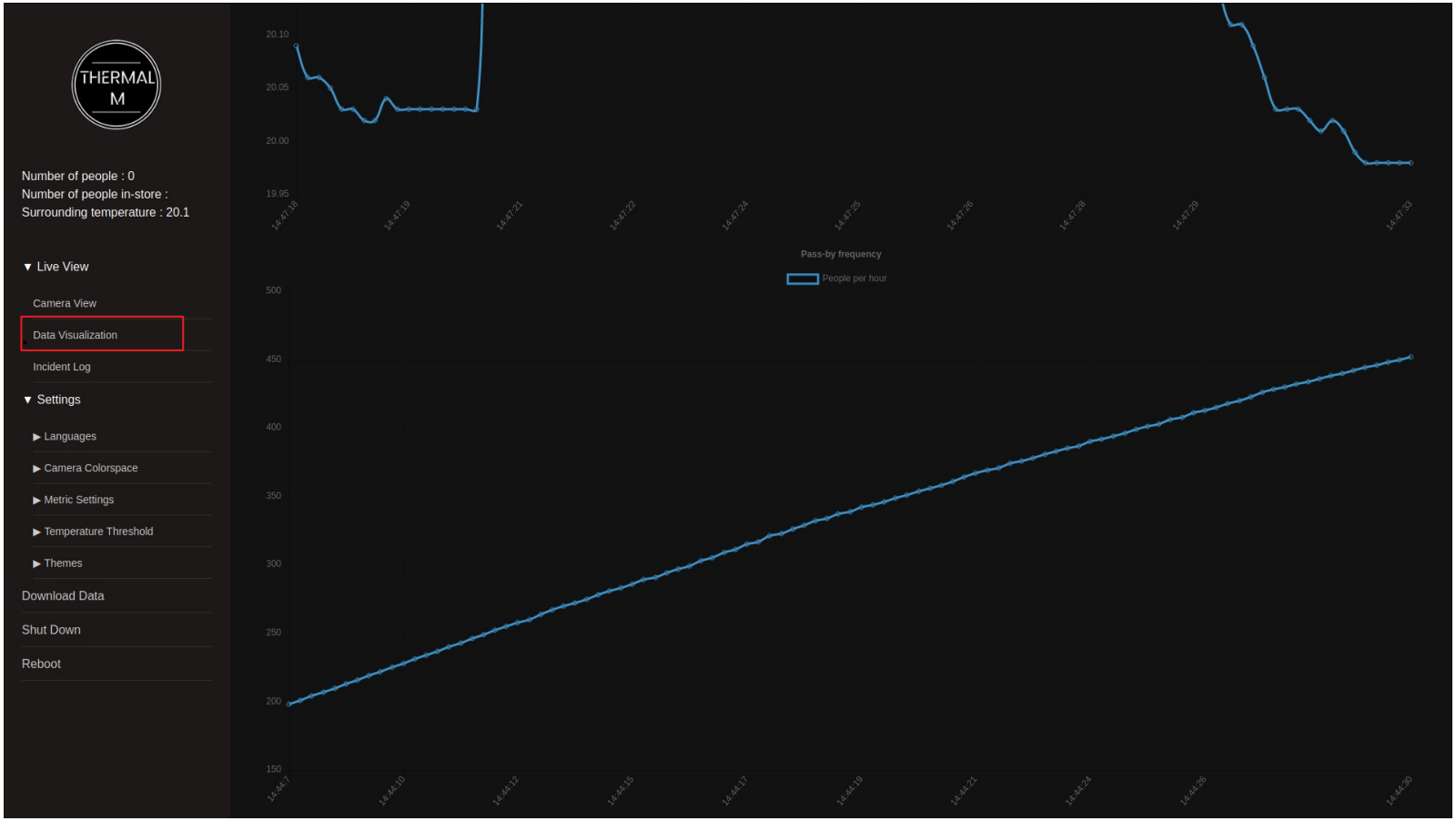
1. Data visualization.

Data visualization tab shows two line charts with one representing the average ambient temperature and the other one representing the average passby frequency for crowd management (people per hour).

Average ambient temperature over time.

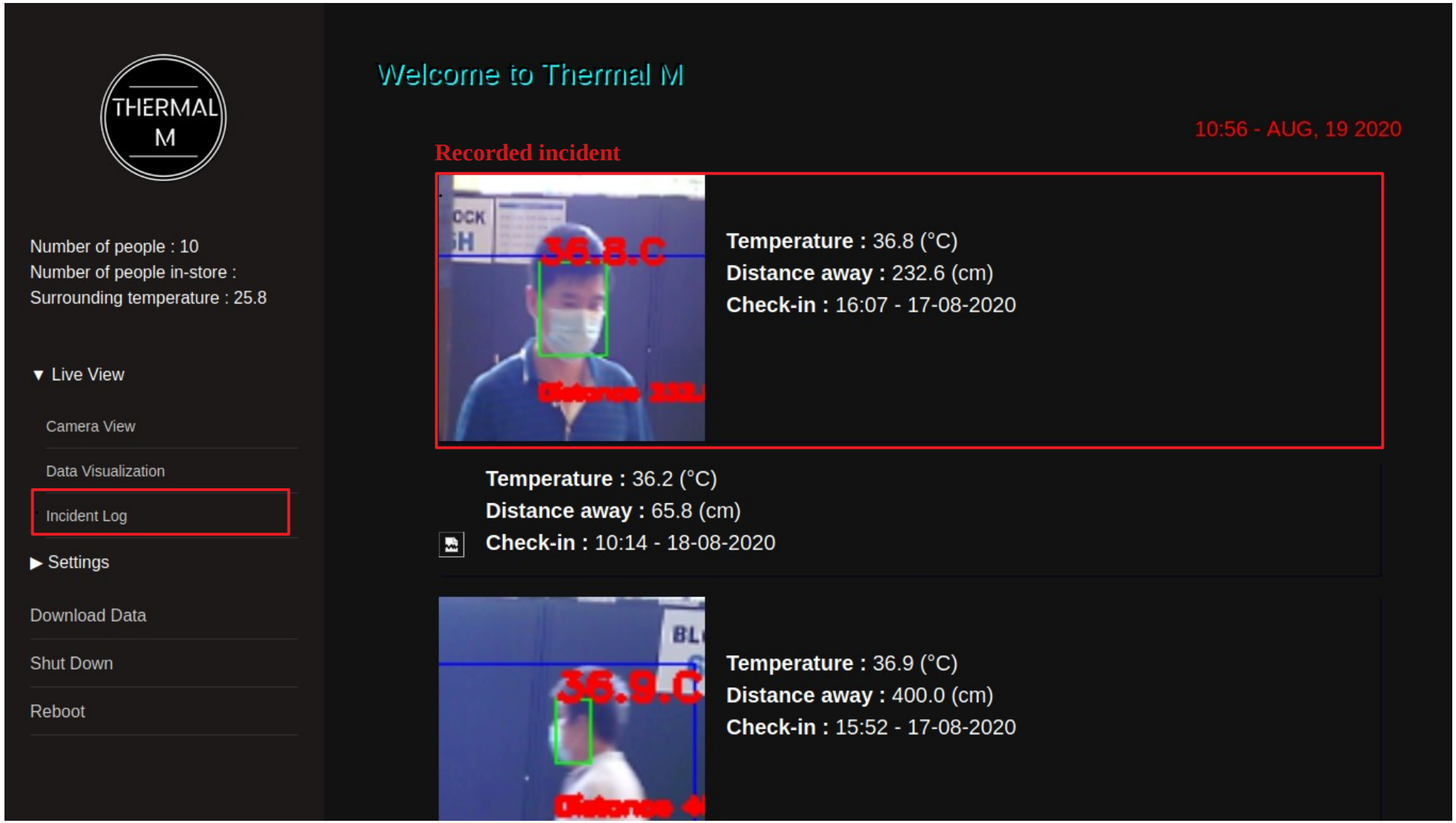


Average passby frequency (People per hour)

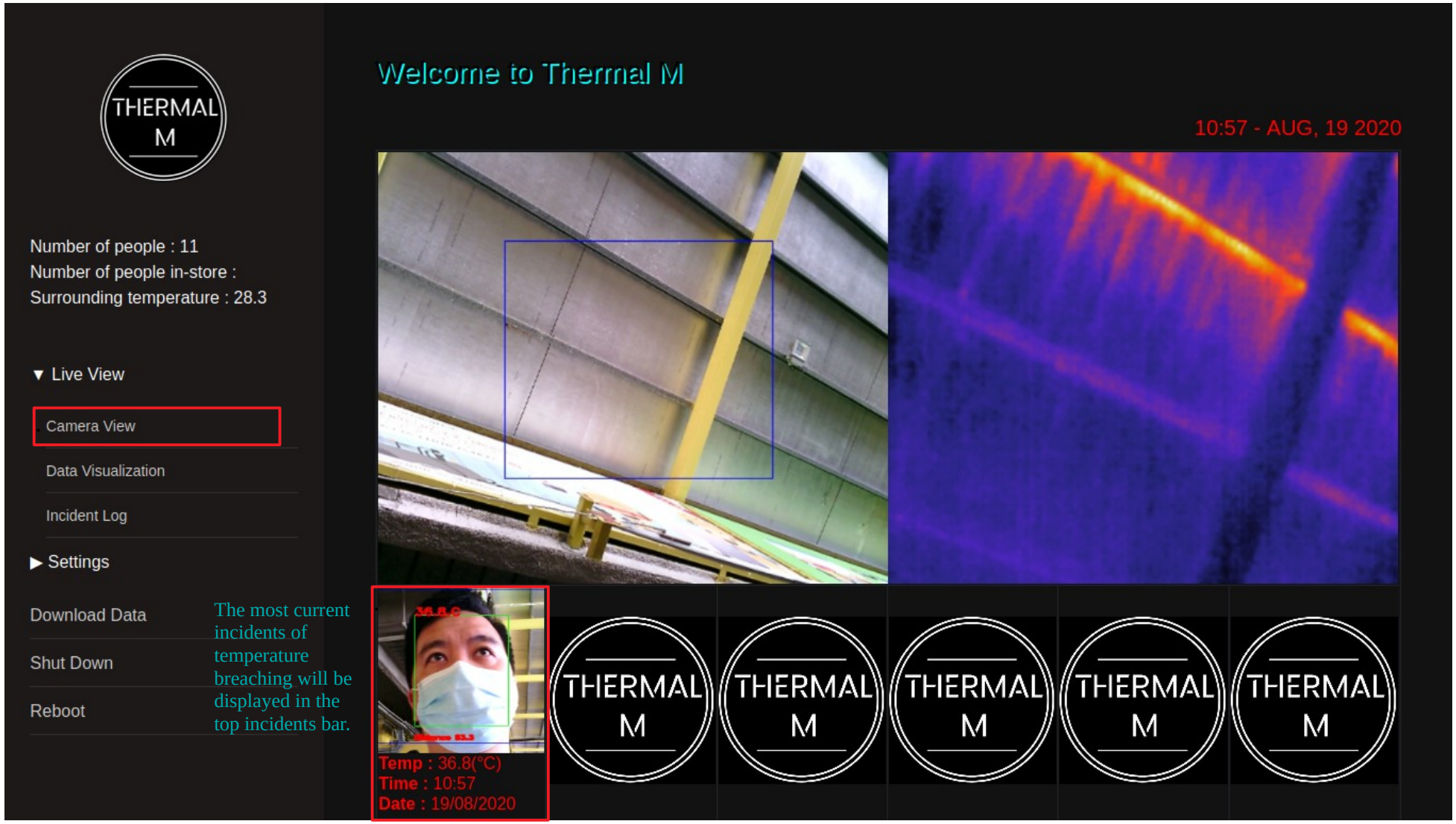


2. Incident log.

Incident log records all people passing by the device whether they have normal or abnormal temperature.



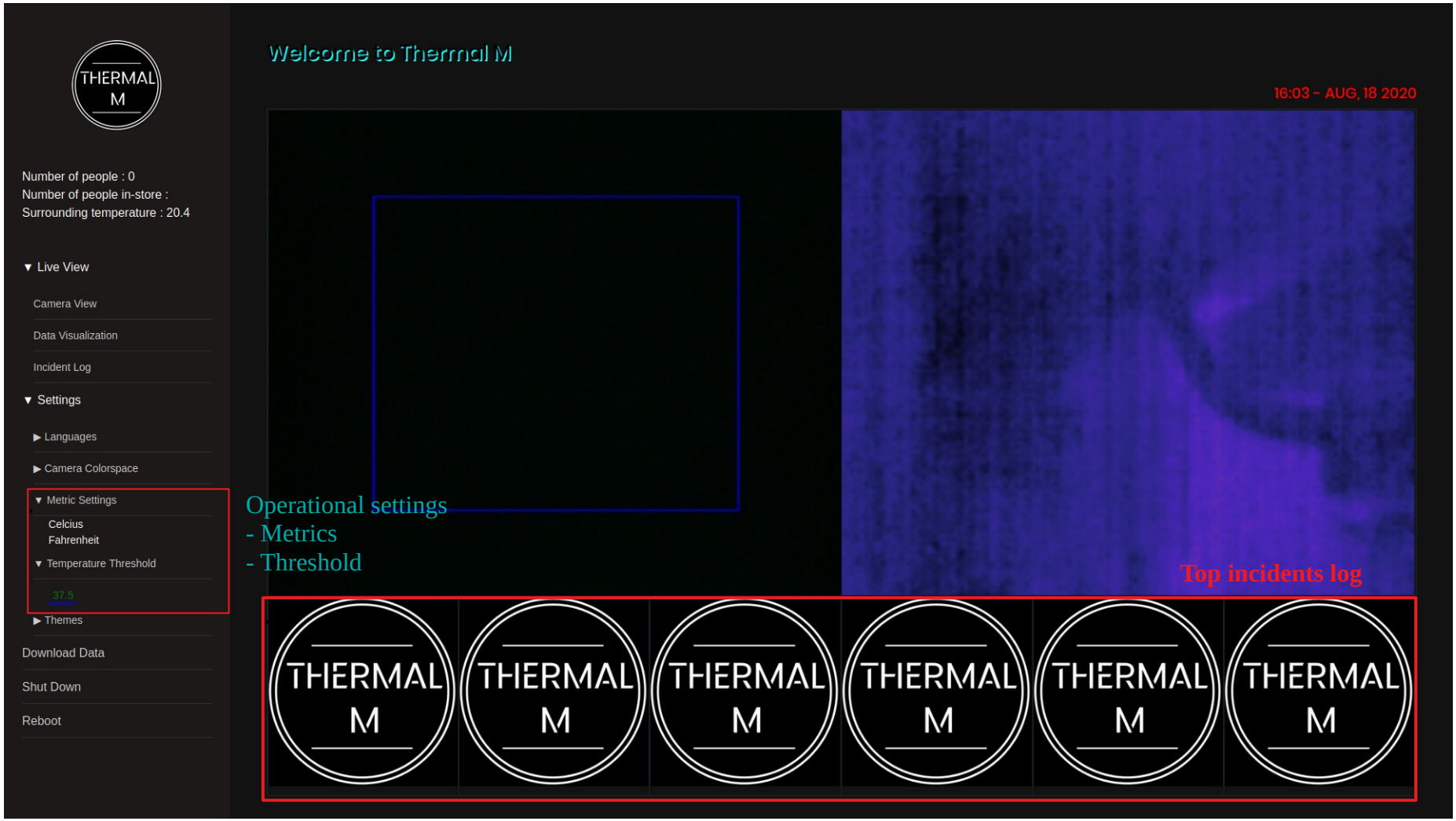
The most 6 current incidents with abnormal temperature (temperature exceeding the configured temperature threshold) will be captured and recorded in the main Camera View.



III. Settings.

Contains both appearance settings and operational settings for users to configure the variables relating to the operation of the system.

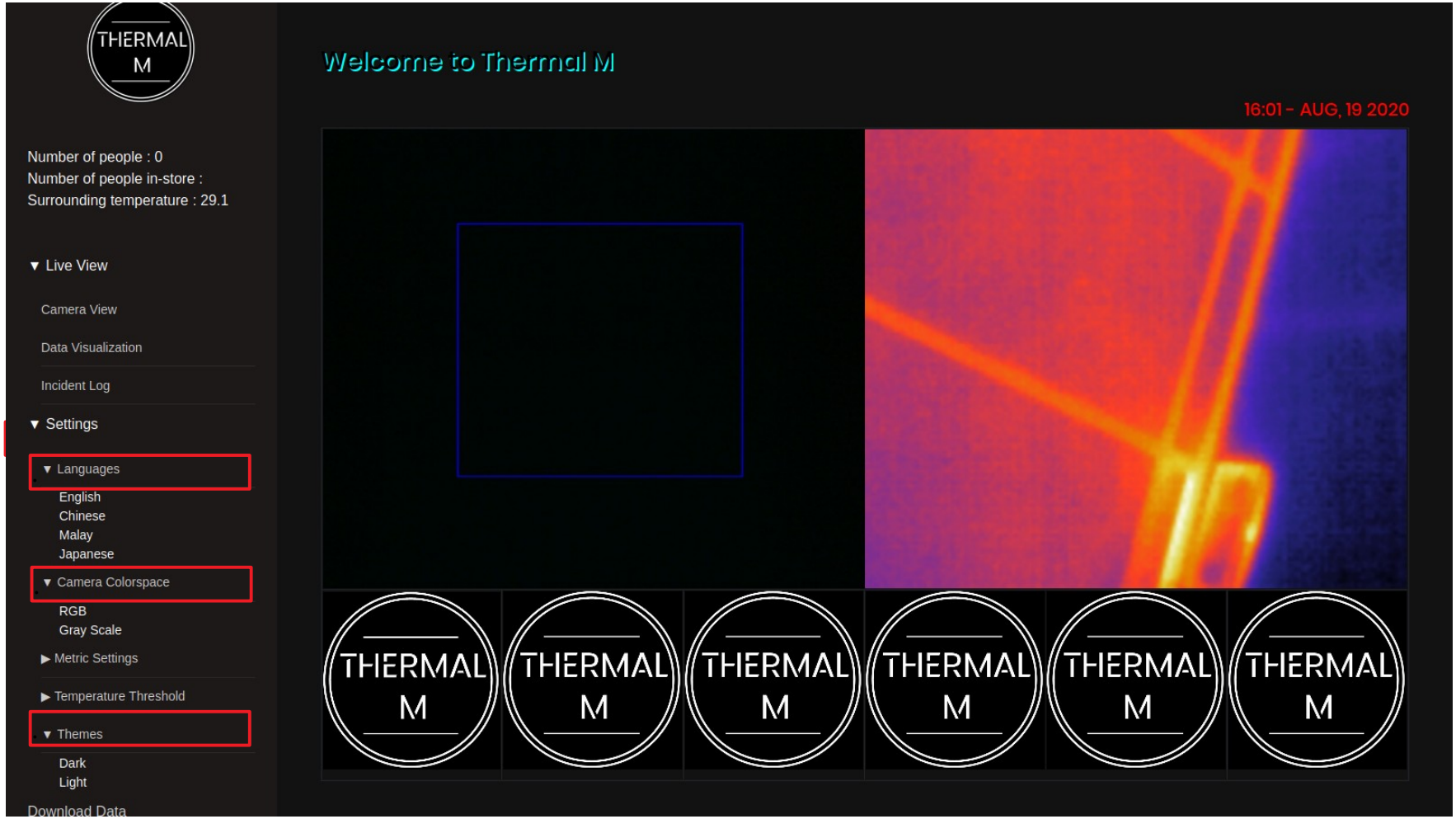
1. Operational settings.



- Metrics Settings : To configure the temperature metrics options, which includes Celcius and Farenheit.Temperature Threshold : To configure the threshold of acceptable temperature. If and incident exceeds the configured temperature threshold, there will be a sound alarm and the incident will be displayed in the top incidents log of the Camera View.

2. Appearance settings.

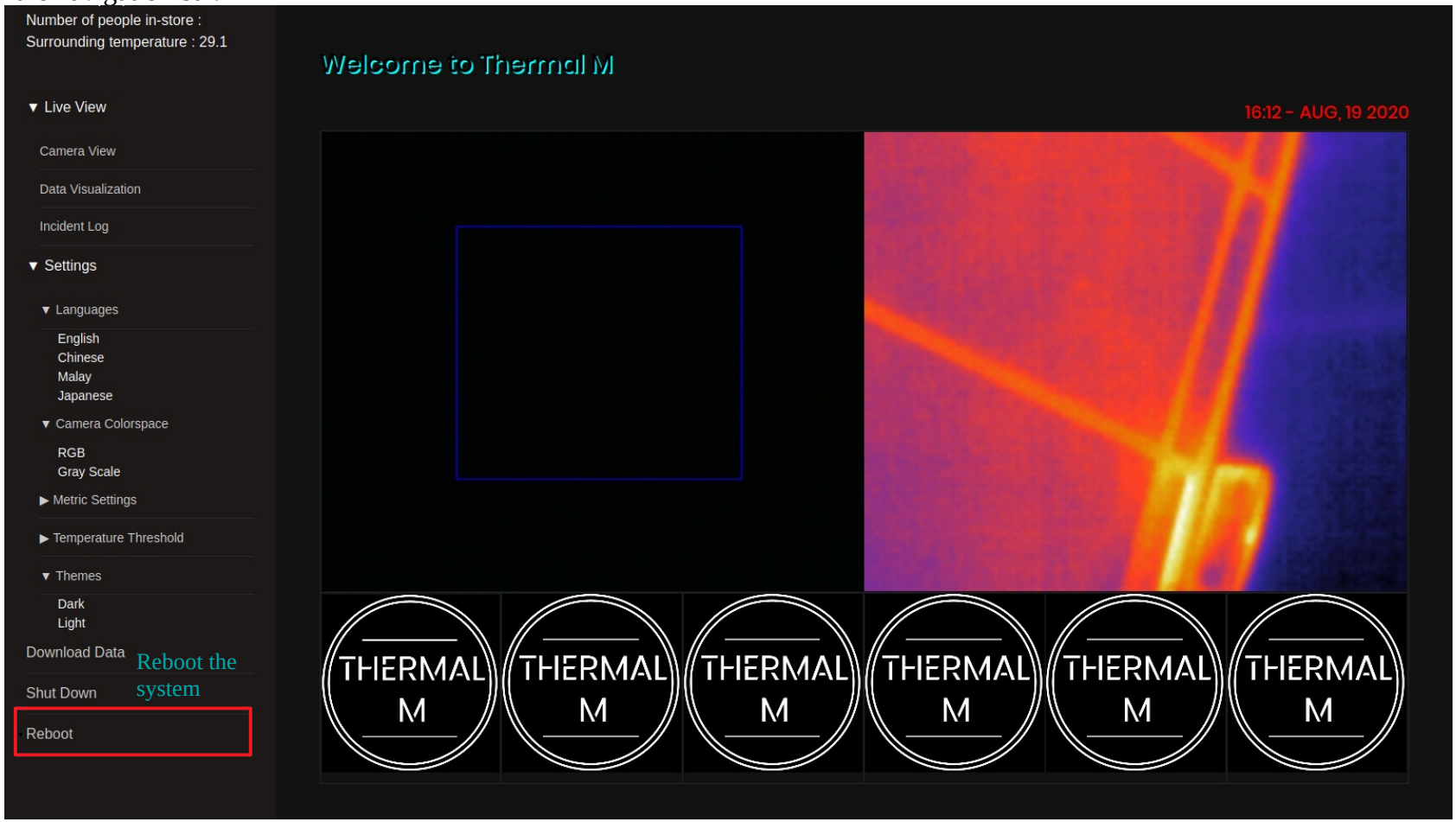
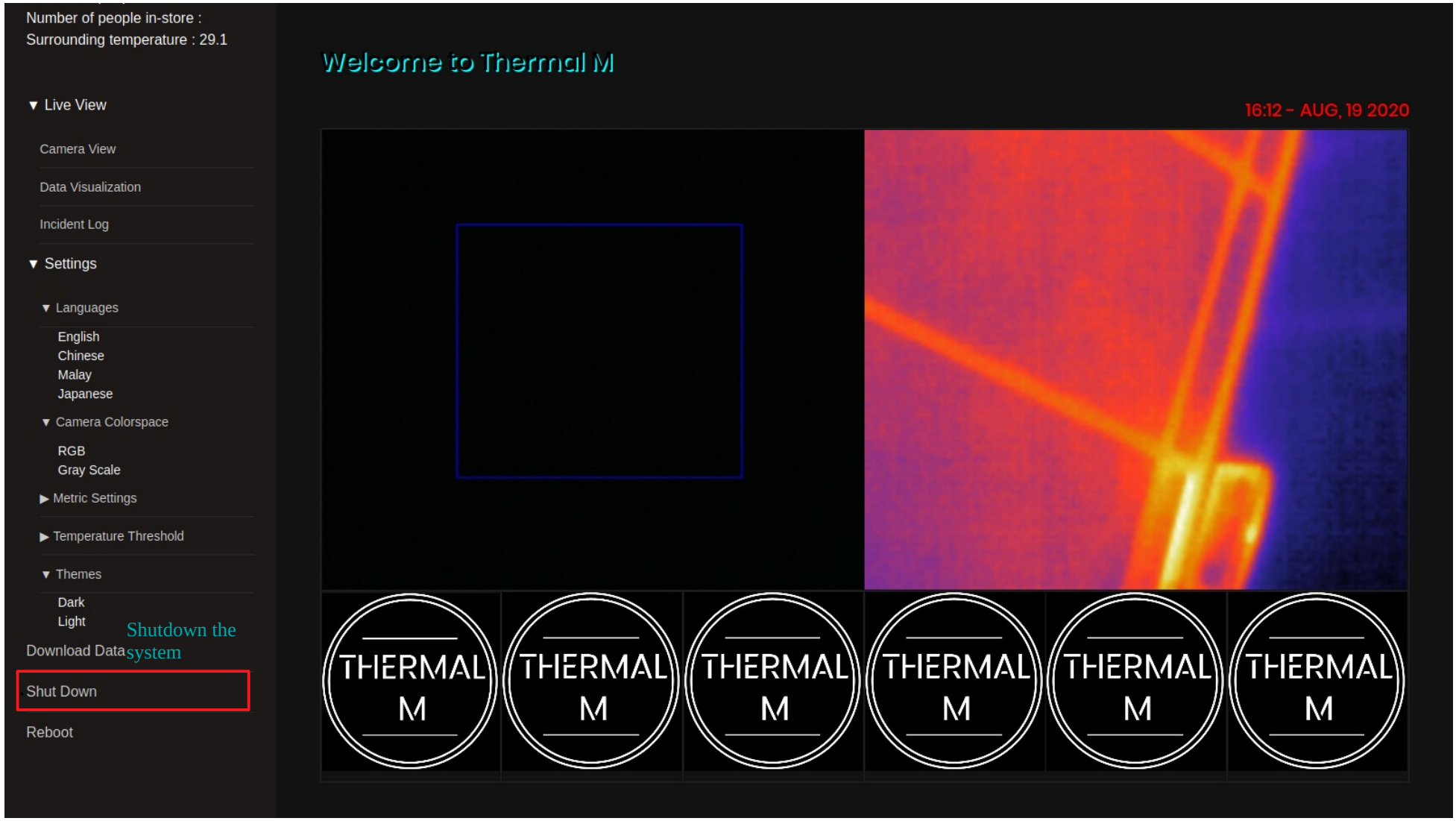
Includes Languages, Camera Colorspace and Theme.



- Languages : system language configuration, includes English (default), Chinese, Malay and Japanese.
- Camera colorspace : the color theme for thermal camera, includes RGB (default) and Gray Scale.
- Themes : the user interface theme, includes Dark (default) and Light.

IV. Problems and troubleshooting.

If the thermal camera appears blurry or broken or is not running at all, you can first try to reboot the system by pressing the reboot button located at the bottom of the navigation bar.



It is recommended that the system is shutdown daily to preserve the functionality of the hardware. To shutdown the system, click the “Shut Down” button located near the bottom of the navigation bar.