

| Sensor ID | Sensor name/ Type | Publishing range | Publishing Interval (seconds) | Remarks |
|------------|------------------------|--|-------------------------------------|---|
| gas | Gas sensor | 0 - 10000 ppm | 15 | Gas leakage alert in kitchen |
| smoke | Smoke sensor | 0 - 10000 ppm | 15 | Fire alert in garage |
| security01 | Security system status | Publishes a value only if there is a transition from 0 to 1 or 1 to 0. | Non - periodic | Security alert in the main gate |
| security02 | Security system status | Publishes a value only if there is a transition from 0 to 1 or 1 to 0. | Non - periodic | Security alert in the back door |
| temp01 | Temperature sensor | 20 - 40 Celsius | 15 | Check the temperature of room 1 |
| temp02 | Temperature sensor | 20 - 40 Celsius | 15 | Check the temperature of room 2 |
| temp03 | Temperature sensor | 20 - 40 Celsius | 15 | Check the temperature of room 3 |
| humidity | Humidity sensor | 0 - 100% | 20 | Check the humidity inside the small flower house |
| motion | Motion sensor | Publishes a value only if there is a transition from 0 to 1 or 1 to 0. | Non - periodic | Detect motions near the main gate |
| power | Power consumption | (-30) - 20 dBm | 25 | Power consumption of the small flower house per day |

Group 10

190065K - AYODYA W.K.H.

190166V - EPA Y.H.A.

190631T - THENUWARA T.A.