Vendor: Yonganda

Device: YAD-LOJ

Firmware Version: V24.07.11 (up to date)

The Yonganda YAD-LOJ camera, when integrated with the Tuya App and Tuya SDK, improperly validates JSON-formatted input supplied to Data Point (DP) ID 177, which is documented by Tuya as the *cruise_time* parameter.

According to Tuya's official developer documentation, DP 177 expects a JSON-formatted string defining camera cruise time settings. While malformed or logically inconsistent JSON values should be rejected, the device accepts certain mutated JSON payloads without validation.

Once such malformed data is stored on the device, opening the **Cruise Time** configuration page in the Tuya App causes the application to immediately freeze and subsequently crash, resulting in a persistent denial-of-service condition in the App UI for that device.

Raw command:

```
{

  "device_id": "6cf46670c972f71e5cuezn",

  "dp": 177,

  "value": "{\\\"t_start\\\":\\\"05:45\\\",\\\"t_end\\\":\\\"00:27\\\"}"

}
```

Impact

- Causes immediate crash of the Tuya App upon accessing the Cruise Time configuration page.
- Results in persistent denial of service for configuration via the official App.
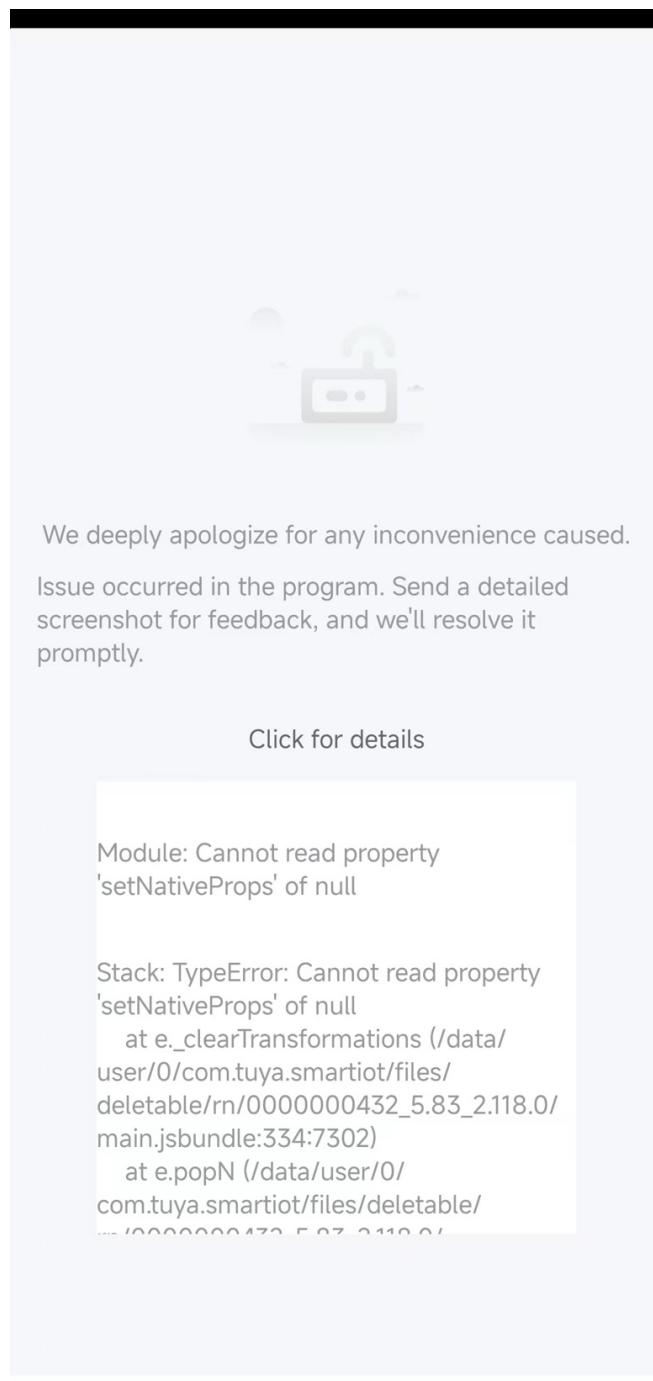- May require device reset or backend intervention to recover normal operation.

Fig. 1 Tuya App Crashed