Tuya Sensor

Overview

This driver represents one Tuya temperature, humidity, motion, contact, or presence sensor in Control4. It requires the **Tuya** gateway. Bind this driver's **Tuya Sensor** connection to the matching `TUYA_SENSOR` connection on the gateway. **Auto Setup** can add and bind instances automatically.

The driver creates a connection for each reading the device reports. Bind them to thermostats, security, or other devices.

See the **Tuya** documentation for account sign-in and gateway setup.

Properties

Property	Description
Cloud Status	DriverCentral license status (read-only)
Automatic Updates	Allow automatic driver updates when available
Driver Version	Packaged driver version (read-only)
Log Level	Logging verbosity; resets to Off after about 1 hour when not Off
Auto Rename Driver	When On (default), renames the driver in Composer to the Tuya device name
Device ID	Tuya device identifier, set by the gateway (read-only)
Device Name	Device name from Tuya, set by the gateway (read-only)
Temperature	Current temperature, when the device reports it (read-only)
Humidity	Current humidity, when the device reports it (read-only)
Relay	Contact state (Open or Closed), when the device reports it (read-only)

Bindings

Connection	Class	Notes
Tuya Sensor	`TUYA_SENSOR`	Bind to the matching connection on the Tuya gateway
Temperature	`TEMPERATURE_VALUE`	Added only when the device reports temperature
Humidity	`HUMIDITY_VALUE`	Added only when the device reports humidity
Contact	`CONTACT_SENSOR`	Added only for motion, contact, or presence sensors. Sends `CLOSED` when triggered and `OPENED` when clear

Support

If you have questions or issues with this driver, contact us at support@solidified.co or call/text +1 (561) 444-9960. You can also submit a support ticket at DriverCentral.

Changelog

v20261116 - 2026-11-16

Fixed

- Fixed Auto Setup failing with an error and not adding subdrivers.

v20261107 - 2026-11-07

Fixed

- Fixed Blind open/close (up/down) for curtain switches that only support open, stop, and close without position reporting.

v20261021 - 2026-10-21

Added

- Added Thermostat Temperature and Humidity connections for external sensors.
- Added Thermostat Switch Mode property for on/off-only devices.

v20261007 - 2026-10-07

Added

- Added Fan support (1–6 speed variants, optional reverse).

v20260927 - 2026-09-27

Added

- Added Switch support for breaker / switchable outlet devices.
- Added Switch support for multi-gang touch panel switches.

Fixed

- Fixed Blind position feedback not updating correctly for some devices.
- Fixed Thermostat ambient temperature showing incorrectly on some devices.

Changed

- Changed Auto Setup to use the light subdriver for switch devices.
- Changed blinds so Control4 shows them as moving while they travel.

v20260909 - 2026-09-09

Fixed

- Fixed MQTT TLS certificate verification failure against EU brokers.

v20260907 - 2026-09-07

Fixed

- Fixed Switch multi-gang switches where every channel commanded the first load.

Changed

- Changed Print Discovered Devices to include functions and status.

v20260904 - 2026-09-04

Fixed

- Fixed MQTT failing to connect when the driver .c4z is renamed.

v20260828 - 2026-08-28

Added

- Added Blind Closed Deadband and Open Deadband properties for motors that stop short of their travel limits and report a fully closed or fully open blind as partially open.

Changed

- Improved cloud connection recovery after network or power interruptions.

v20260706 - 2026-07-06

Added

- Added Thermostat Print Diagnostics action.

Fixed

- Fixed Auto Rename Driver aggressively resetting device names in Composer.
- Fixed a race condition that could cause devices to lose configuration after controller reboot.
- Fixed Thermostat ambient temperature reading on certain devices.

v20260623 - 2026-06-23

Fixed

- Fixed Sensor human presence sensors not reporting motion to contact bindings.

v20260519 - 2026-05-19

Added

- Added Thermostat Setpoint Unit setting for certain devices where setpoints will not change correctly from Control4.

Changed

- Improved performance and fixed miscellaneous bugs.
- Improved authentication refresh resilience for edge-case expiration timing.

v20260401 - 2026-04-01

Fixed

- Fixed certain thermostat devices not reporting current temperature.

v20260331 - 2026-03-31

Added

- Added Tuya Blind (Tilt) driver for blinds with tilt functionality.

Fixed

- Fixed some blinds not fully opening or closing.
- Fixed keypad LEDs not reflecting the current light device state.

Changed

- Renamed Device Count property to Discovered Devices and included more information.

v20260310 - 2026-03-10

Added

- Added Motor Direction property to the blind driver.

v20260302 - 2026-03-02

Added

- Added Blind driver for blinds, curtain, and shade devices.

v20260301 - 2026-03-01

Added

- Added Thermostat driver for HVAC, heaters, and mini-split devices.

v20260213 - 2026-02-13

Added

- Added Scene support through programming on the core driver.

v20260212 - 2026-02-12

Added

- Added Auto Setup action for quick setup.
- Added Print Discovered Devices action to print a full list of known devices to the Lua output.

v20260210 - 2026-02-10

Added

- Added support for Daylight Agent.
- Added a property to auto-rename the driver to match the Tuya/Smart Life app.

v20260131 - 2026-01-31

Changed

- Improved performance for light and switch devices.

v20260128 - 2026-01-28

Fixed

- Fixed support for load group drivers.
- Fixed rounding issue for brightness and color temperature.

v20260123 - 2026-01-23

Added

- Added support for Control4 switch and dimmer load group drivers.

Fixed

- Fixed light driver button actions.

Changed

- Improved dynamic capability detection for switch and light devices.

v20260111 - 2026-01-11

Changed

- Improved compatibility for a broader range of dimmer switches.

v20260106 - 2026-01-06

Fixed

- Fixed compatibility for light devices with non-standard value ranges.

v20251209 - 2025-12-09

Fixed

- Fixed light driver capabilities so they work properly in advanced lighting scenes.

v20251124 - 2025-11-24

Added

- Added configurable brightness control mode for RGB lights to improve compatibility with different device types.
- Added support for motion sensors (PIR), contact sensors, and human presence sensors.

v20251123 - 2025-11-23

Fixed

- Fixed status update processing.

Changed

- Improved performance for light, sensor, and switch devices.
- Improved capability detection for sensor and switch devices.

v20251121 - 2025-11-21

Fixed

- Fixed device state refresh when rebinding subdrivers (correctly identifies devices by binding ID).

Changed

- Improved RGB/color capability detection for lights by querying device functions during refresh.

v20251117 - 2025-11-17

Added

- Initial release.