Tuya Thermostat

Overview

This driver represents one Tuya thermostat, heater, or minisplit in Control4. It requires the **Tuya** gateway. Bind this driver's **Tuya Thermostat** connection to the matching `TUYA_THERMOSTAT` connection on the gateway. **Auto Setup** can add and bind instances automatically.

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)
Setpoint Unit	Unit used when sending setpoints to the device (Advanced Settings; see below)
Switch Mode	HVAC mode used for on/off-only devices (Advanced Settings; see below)

Setpoint Unit

Under **Advanced Settings**, only relevant when the device supports both Celsius and Fahrenheit setpoints. Keep **Auto** (default) if setpoint changes from Control4 work correctly. If the setpoint cannot be changed from Control4, or changes incorrectly, set **Fahrenheit** or **Celsius** to match what the device displays or what is displayed in the Tuya app.

Switch Mode

Under **Advanced Settings**, only relevant for devices that are on/off only, with no Heat/Cool mode reported from Tuya. When the device is on, Control4 needs a single HVAC mode to show and use for heat/cool logic. Keep **Auto** (default) to use the category default (for example cool for air conditioners, heat for heaters). Set **Heat** or **Cool** if that default is wrong for the installation.

Bindings

Connection	Class	Notes
Tuya Thermostat	`TUYA_THERMOSTAT`	Bind to the matching connection on the Tuya gateway
Thermostat	`THERMOSTAT`	Control4 thermostat connection
Temperature	`TEMPERATURE_VALUE`	Optional. Bind a Control4 sensor to use its reading instead of the temperature reported by the Tuya device
Humidity	`HUMIDITY_VALUE`	Optional. Bind a Control4 sensor to use its reading instead of the humidity reported by the Tuya device

While a sensor is bound, its value is also used for the derived heat/cool state. Unbind it to fall back to the Tuya device.

Actions

Action	Description
Hide in Other Rooms	Hides the thermostat in every room except the current one
Print Diagnostics	Prints driver and device diagnostics to the Lua output

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.