# Tuya Fan

## Overview

This driver represents one Tuya fan in Control4, with speed control. It requires the **Tuya** gateway. Bind this driver's **Tuya Fan** connection to the matching `TUYA_FAN` connection on the gateway. **Auto Setup** does not add fans, so add the matching variant manually.

The driver ships as one package per speed count, from 1 to 6, each with a reversible variant for devices that need direction control. Pick the variant that matches the device. Fan/light combination fixtures keep a separate light connection, so bind **Tuya Light** and **Tuya Fan** independently.

| Speeds | Speed names |
|---|---|
| 1 | On |
| 2 | Low, High |
| 3 | Low, Medium, High |
| 4 | Low, Medium Low, Medium High, High |
| 5 | Low, Medium Low, Medium, Medium High, High |
| 6 | 1, 2, 3, 4, 5, 6 |

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) |

## Bindings

| Connection | Class | Notes |
|---|---|---|
| **Tuya Fan** | `TUYA_FAN` | Bind to the matching connection on the Tuya gateway |
| **Fan** | `FAN` | Control4 fan connection |

## 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.