

CAMELLIA MINI MAKES A MOTORCYCLE SIDECAR



SIDECARS ARE A GREAT WAY TO ENJOY A MOTORCYCLE

One can carry items safer than they could be compared to being on two wheels.



A NICHE PART OF
THE MOTORCYCLE
COMMUNITY

CAMELLIA MINI CONTROLLER

COMPACT FOR INTERNET OF THINGS



Local or Wide Wireless Network To Control Motors

Wi-Fi An Access Point and Station local wireless network. Look at this motorcycle sidecar directly, and drive it just at home or in office, even outside.

Motor Both Servo Motors and DC motors could be controlled.

- High accuracy @ Speed
- Real-time Control
- Sequence Control
- Program Control
- Configuration
- Windows Software
- iOS and iPadOS App
- Android App

MQTT A publish-subscribe network protocol that transports messages between devices.

Remote control this motorcycle sidecar from anywhere via Mobile or PC anytime.

Light Output signal to LED is the right way of indication.

HMI With a Human-Machine interface, you could talk with and listen to this model as Internet of Things connects everything. This motorcycle sidecar is more than a machine. It is a friend of our human.

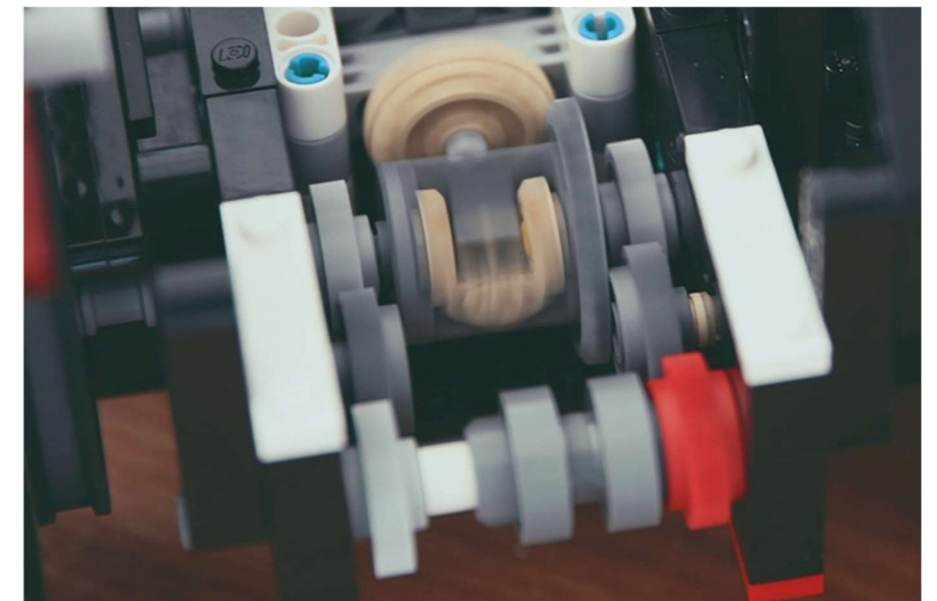
MECHANICS

Steering

Limited Slip

Differential When the vehicle turns, making wheels that are travelling around the outside of the turning curve roll farther and faster than the others. A gear train with three shafts that has the property that the angular velocity of one shaft is the average of the angular velocities of the others or a fixed multiple of that average.

Differential Locking A locked differential may provide increased traction compared to a standard, or "open" differential by restricting each of the two wheels on an axle to the same rotational speed without regard to available traction or differences in resistance seen at each wheel.



POWER

Engine

An internal combustion engine is a heat engine where the combustion of a fuel occurs with air in a combustion chamber. The expansion of the high-temperature and high-pressure gases produced by combustion apply direct force to pistons.