

# Smart Lock for E-Bike

Specially designed for bikes



This intelligent E-Lock is an RFID smart electronic lock designed for bicycles and E-Bike, which is developed by the collaboration of Microprogram and a domestic professional locking manufacturer (Yuan Wen Shing Industries Corp.) This lock is easy to use and secure through CAN Bus communication interface to lock & unlock more elegantly and conveniently by the integration into E-Bike system or RFID Tag. The unique latch design ("lock-to" feature) also locks your bike on to the railings or bike racks with an additional chain to enhance anti-theft, which is suitable for bikes or E-Bike the best safety protection.

## Features

- Smart electronic lock specially designed for E-Bike
- With CAN Bus communication interface for integration with E-Bike system or IoT/connectivity device
- Lock/unlock operation via App
- Integrated RFID function, lock/unlock operation by RFID Tag
- With additional chain/cable lock function



[Smart Lock for E-Bike  
Video](#)

# Specifications



## CAN Bus + RFID (NFC) Version

Contactless Tag Type	RFID
Communication Interface	CAN2.0A (Standard) / CAN2.0B (Extended)
Connector	6 pins waterproof connector
Power Input	5V-48V (may need voltage step-down circuit board)
Working Current	40.6mA / 12V
Standby Current	26.4mA / 12V
Maximum Instantaneous Current At Start-ups	558mA / 12V
Waterproof	IPX4 (Pin lock hole: closed)
Operation Temperature	15°C-+65°C
Width Opening	63mm
Compound Lock System	Support extendable cable or chain locking pin

