

# Smart Lock for E-Bike



Specially designed for bikes



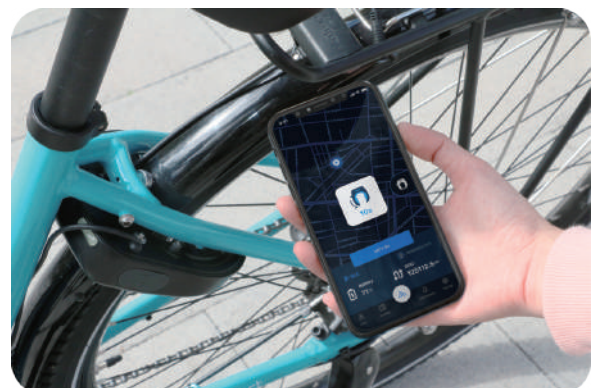
This intelligent E-Lock is an RFID smart electronic lock designed for bicycles and E-Bike, which is developed by the collaboration of Microprogram and a domestic professional locking manufacturer (Yuan Wen Shing Industries Corp.) This lock is easy to use and secure through CAN Bus communication interface 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
- [Bluetooth version: Customizable](#)



Smart Lock for E-Bike  
Video





### 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	62.7mA/12V (locking), 59.4mA/12V (unlocking)
Standby Current Consumption	26.7mA / 12V
Hibernation Current Consumption	0.75mA / 12V
Operation Temperature	15°C~+65°C
Width Opening	63mm
Compound Lock System	Support extendable cable or chain locking pin

