E-Bike Rental Solution

Bikonnect

A turnkey solution for rolling out your E-Bike rental opeation

Bikonnect Commuter (for share model)

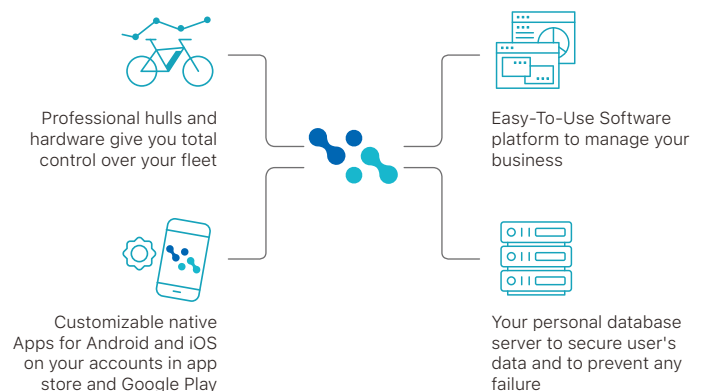**Bikonnect Commuter** (for leasing model)

E-Bike Rental Solution

- Solutions for hybrid operation model (Dock & Dockless)
  - Dock model : Dock-Lite & E-Locking box System
  - Dockless model : Frame E-Lock system
  - Both E-Lock systems all support "lock-to" (additional cable lock) functionality
- Smart control panel (built-in advanced IoT system)
- Cloud rental system (App / Backend)
- Compatible global eSIM / data plan solution
- Completely integrated with E-Bike / power train system

Advanced technology, but simple in use

We have a fully developed and highly configurable platform to help you run your E-Bike sharing business seamlessly

Professional hulls and hardware give you total control over your fleet

Easy-To-Use Software platform to manage your business

Customizable native Apps for Android and iOS on your accounts in app store and Google Play

Your personal database server to secure user's data and to prevent any failure

Smart Control Panel

- Built-in Bikonnect advanced IoT system
- Supports QR Code scanning / NFC card senseing renting, touch key wake up
- Powerful processing OS
- High resolution LCD (384*110 Dots)
- Designed for outdoor use (IPX7, IK07)
- Fully integrated with cloud backend system
- Supports e-SIM solution
- LED indicator bar (Red / Green / Orange)

Dock-Lite System

Easy to build :
- Small footprint
- Just 4 bolts (No grid power needed)
- Build anywhere (where approved)

Benefits :
- Neat : Cities dig that
- Reduce maintenacne cost of vehicles
- Enables station density
- Promotional : with conspicuous branding logo

E-Locking Box: Patented Locking System

- Support digital control / locking status report
- Built-in RFID sensing (to recognize dock #, cable / bike #)
- Multiple locking systems
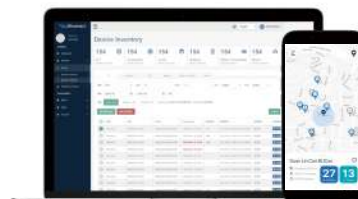 - Lock to dock   - Lock itself   - Lock-to

Smart Lock for E-Bike (Dockless model)

- Supports CANBus communication
- RFID sensing
- LED indicator (Red / Green / Orange)
- Compound locking system : with an additional chain / cable lock function

Cloud Platform for Rental Operation

Vertical integration with Bikonnet HW & E-Bike system

DMS   OTA   CRM

Secure Element   KMS

Apps   Fleet Manager   e-SIM

Bikonnect

(White Label)

Smart Control Panel

App Scan QR Code

Tap the NFC Card

Bikonnect Cloud

- Rental Platform
- Fleet
- Member
- Data
- Monitoring

Station Mgt

Maintenance, Rebalance Mgt

Maintenance Team

Central System

Billing Mgt

Operation Team