



piSmart-Lock



Important characteristics

- Innovative Fleet management and access solution for bicycle and bike sharing systems
- Smart bicycle frame lock with Bluetooth 4.0 LE allows a Bike release by app
- Internet portal allows management and location of bicycles
- Ideal solution for:
 - Companies
 - Public transport, cities and communities



Overview

The piSmart-Lock adapts to the requirements of bikesharing operators and enables the rapid development of an innovative bikesharing system.

The piSmart-Lock is fixed to the bicycle / pedelec. To operate the lock, the user only needs an RFID card or the Android or iOS app installed on a smartphone with Bluetooth 4.0 LE.

The user and management portal www.pironex-portal.de allows bikesharing providers and their customers to register, to find bicycles, to reserve and to monitor the system processes.

the piSmart Lock works like a normal bicycle lock and allows the modern securing of your bike.

Technical specifications

Basics

Supply voltage	about Dynamo or 5 - 24 V (optional 75V)
Battery	internal rechargeable battery
Other	RFID-Reader (13,56 MHzRFID-Reader), Button, buzzer, movement sensor, detection of manipulations on the lock or lock cable

Interfaces

Bluetooth	Bluetooth 4.0 Low Energy
Optional interfaces	GPS positioning system, 3G data transmission