



Mobile Access Card System

UBio-Xkey



What is UBio-Xkey?

UBio-Xkey is a mobile access control solution that allows you to use your own smartphone as a key to access various. With NFC or Bluetooth technology, it enables high cost efficiency of access control management of identification function access points that can definitely replace conventional physical RFID card. It is powered by NFC and Bluetooth technology with the app. Just install the UBio-Xkey app on the mobile device, it enables users to open a door with your smartphones.

“Smartphone is a key”

Apply for mobile access card as a non-face to face,
 Manager can approve and issue it via UBio Alpeta software.
 User doesn't need to setup the system or sign up
 the membership, just get the email or SMS,
 install the app on your smartphone.
 Using your own smartphone as an access.



UBio-Xkey Specification

Classification	Contents
Mobile Phone Specification	iPhone : : iOS 10.0 or later / BLE4.2 or later Android : Android 6.0 or later / Supports NFC
Security / Encryption	Azure Key Vault / AES-128
Distance/range	Under 10cm (It may differ depending on smartphones)
Server Platform	On-Premise / Cloud

Mobile Access Card System **UBio-Xkey**

UBio-Xkey Features



No need to carry an access card



Smartphone as a key to access



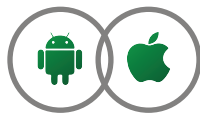
Mobile access at a distance up to 10cm



Easy steps to issue and register a mobile card



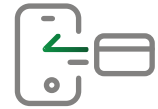
Save cost of issuing cards



Compatible with iOS & Android



Check the access history via app



Allows to issue and retrieve mobile card by using your own smartphone



Retrieve mobile access and restrict access permission when a smartphone is lost



Built a dual encryption system to make improve the security



iOS Background Mode (App operates even when the display is OFF)



Android Foreground Mode (App operates just when the display is ON)



Powerful security and data protection (Replication and hacking don't allow)



A variety of features such as work schedule, TNA report and more

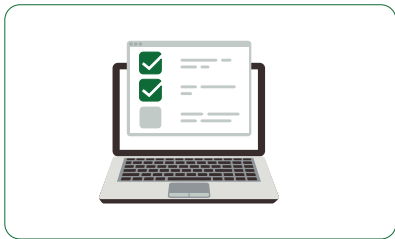


Custom card design

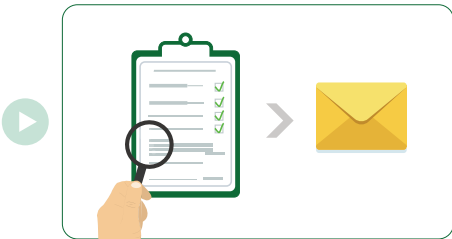


Available in various location such as fitness center, office, library

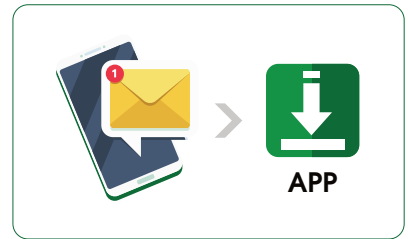
UBio-Xkey Operation Example



① Apply for issuing UBio-Xkey Mobile card (user inputs information such as email, phone number and etc)



② Manager approves then send the verification code via Email or SMS



③ Once you get the link or SMS, verify the double authentication using your smartphone



④ Input the verification code and run the app



⑤ Using UBio-Xkey mobile card when you access the gate



⑥ Access and data record to the UBio Alpha server in real-time

Use Cases

UBio-Xkey can be widely used in various fields such as office, public library, unmanned store, unmanned study cafe, shared workspace, fitness and more.



Office



Shared workspace



Fitness center



Public library