

ioKey, innovative DX of Safety Management for Proactive Measures against Serious Industrial Accidents



A Paradigm Shift in Safety Management!

Your smartphone becomes the key.

Dambi Technology Co., Ltd. offers an innovative DX solution for safety management in the era of the Fourth Industrial Revolution. It enables real-time granting and revoking of the access rights to facilities, directly linked to public safety, through users' smartphones without spatial or temporal limitations.

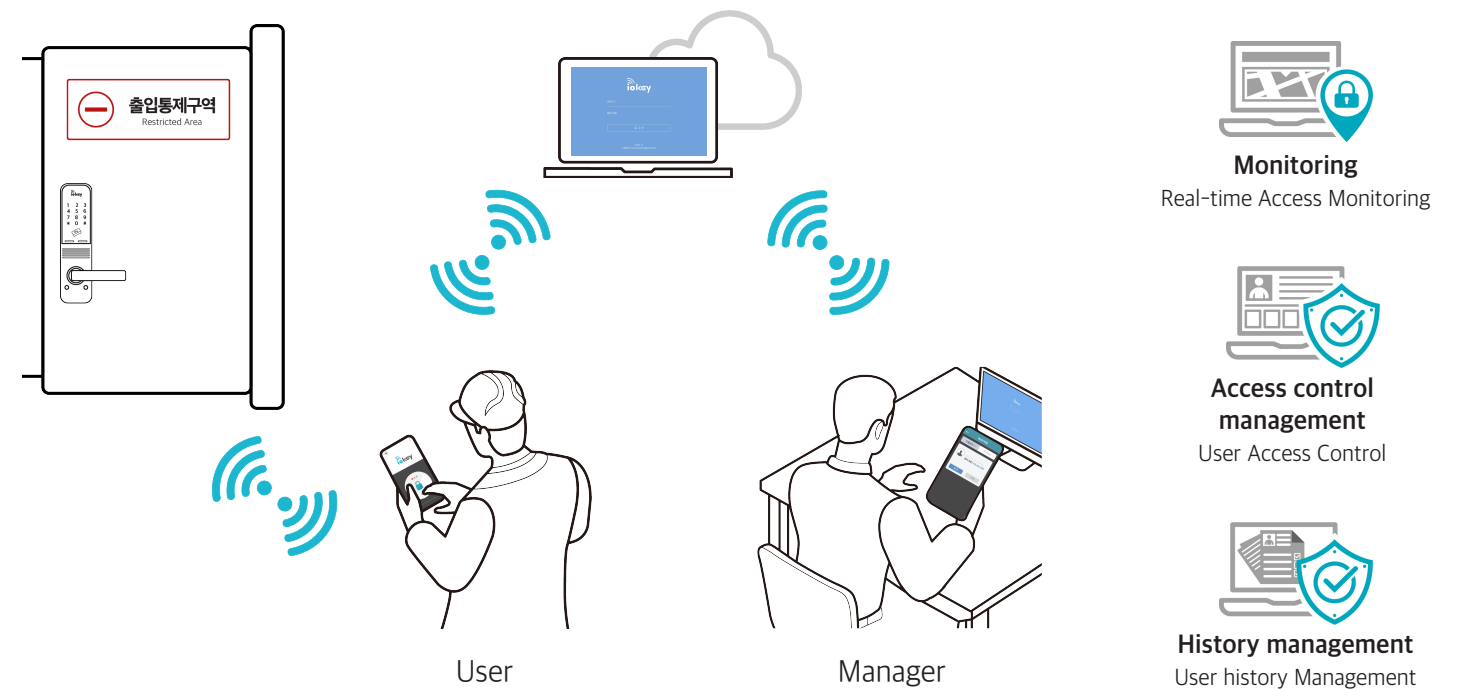
"Mobile Authentication-Based Innovative Locking System!"

ioKey sets a new standard for safety management for proactive response to serious industrial accidents!



Product Overview

ioKey is an innovative safety management solution powered by Dambi Technology's patented technology, enabling real-time granting and revoking of access rights to restricted areas and safety-critical facilities through users' smartphones. This solution requires no dedicated network setup or electrical installation, providing highly cost-effective safety management. Additionally, it allows access control and management of users and facilities through our smartphone app to maximize operational efficiency.



Product Features

ioKey offers smart facility management and high physical security at a very cost-effective price.



KEYLESS

Free from bothersome physical key management, without worrying about loss and duplication.



NETWORKLESS

No need for dedicated network between a locking device and the operating server, providing easy system expansion.



COSTLESS

No cost for communication line or network setup for locking devices.

Product Introduction

ioKey consists of a **management site / manager app / user app and locking device.**



Management Site

User Management	• Granting and Revoking User Access Rights • Registering and Deleting Sub-managers
Monitoring	• Monitoring Locking Device Accesses
History Management	• Locking Device Access History • Facility Registration and Modification History
Facility Management	• Registering New Facility • Editing and Deleting Facility Information
Control Management	• User Access Control • Locking Device Control
Reports	• Managing inspection logs and maintenance records recorded in the app



Manager App

Locking Device Opening	• Locking Device Opening
User Management	• Granting and Revoking User Access Rights
Control Management	• User Access Control • Facility Control



User App

Locking Device Opening	• Locking Device Opening
Locking Device Installation	• Locking Device Installation
Reports	• Creating inspection logs and maintenance records in the app

Facility lock IOK-VS / IOK-CS / IOK-PL



Rated voltage	• DC 5V continuous power	Communication method	• BLE(Bluetooth Low Energy)
Emergency power	• 9V Battery(6LF22) / USB C TYPE	Encryption	• AES128Bit
Opening method	• Smartphone unlocking	Dustproof / Waterproof	• IP65
Security authentication	• User authentication from the ioKey operating server	Application target	• Enclosure for facilities

Installation case



Installation case

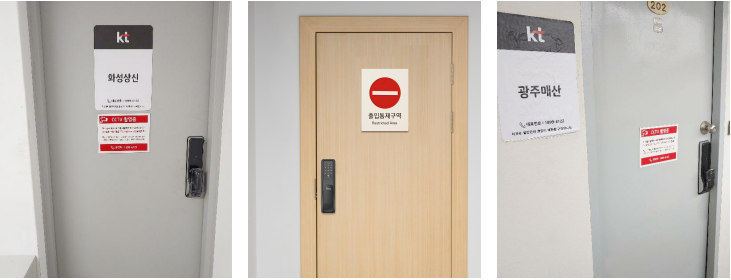


Rated voltage	• CR2 Lithium 3V battery	Communication method	• BLE(Bluetooth Low Energy)
Emergency power	• USB Type-C portable battery	Encryption	• AES128Bit
Opening method	• Smartphone / Password unlocking	Dustproof / Waterproof	• IP65
Security authentication	• User authentication from the ioKey operating server	Application target	• Enclosure for facilities and access

Access control lock IOK-ML / IOK-SR



Installation case



Rated voltage	• 4 x AA alkaline 1.5V batteries	Communication method	• BLE(Bluetooth Low Energy)
Emergency power	• 9V battery (6LF22)	Encryption	• AES128Bit
Opening method	• Smartphone / Password / Card unlocking	Dustproof / Waterproof	• Water-resistant
Security authentication	• User authentication from the ioKey operating server	Application target	• Access control area



Installation case



Rated voltage	• DC 12V continuous power	Communication method	• BLE(Bluetooth Low Energy)
Emergency power	• None	Encryption	• AES128Bit
Opening method	• Smartphone / Password unlocking	Dustproof / Waterproof	• IP65
Security authentication	• User authentication from the ioKey operating server	Application target	• Access control area

Technological Capabilities

ioKey is a verified safety management solution that are based on multiple patented technologies and received quality certifications from accredited certification bodies.



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