Motorcycle Parking and Biometric Access Management System

Facial recognition + Motorcycle License Plate Recognition

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About UBio-X MPass

UBio-X MPass is the world's first motorcycle parking and biometric access management system based on facial recognition and motorcycle license plate recognition technology.

Integrating Facial Recognition and Motorcycle License Plate Recognition

UBio-X MPass's Features

Anti-theft through matching rider's face and motorcycle license plate

Manage access logs in real time with UBio Alpeta sever

In parallel with car parking management system

Useful for large commercial facilities, apartment gate, construction sites and more

Relieve delays in commuting to workers, increase operational efficiency and reduce operating and labor costs

Motorcycle Access and Parking Management at Once!

Advantages of Motorcycle license plate recognition

99% — 99% authentication rate, which enables accurate license plate recognition and authentication

Video shooting and live video streaming can be used for authentication

Accurate authentication of both small license plates and license plates photographed from the side

Recognize and authenticate multiple license plates within a limited time frame

Integration with UBio Alpeta, an integrated security solution, and realization of long-term cloud services based on the collected big data

Warning Light

UBio-X MPass

Face Recognition Terminal

Button for Connecting Administrator

WELCOME !!
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LED Display

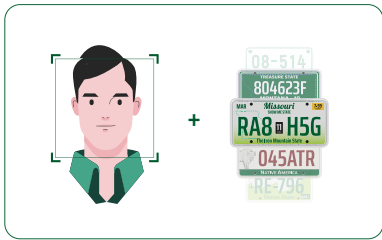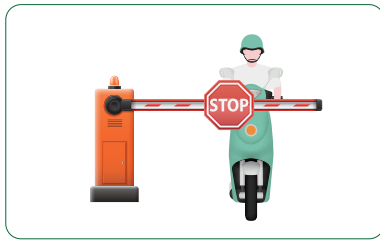Motorcycle License Plate Recognition Camera
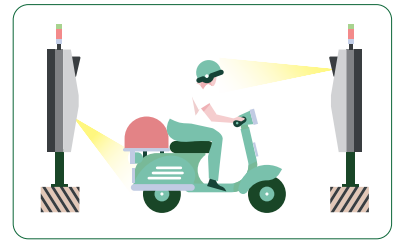
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Front view

Side view

Biometric Authentication for Motorcycle Access and Parking Management System Operation Procedure
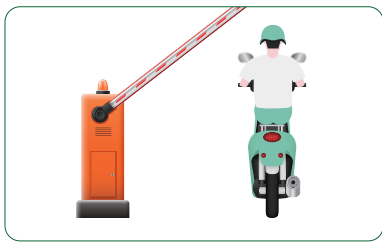
① Register motorcycle license plate and user's face & information on the UBio Alpeta server

② User's motorcycle enters

③ Authenticate motorcycle license plate and user's face

④ Access granted when successfully authenticated

⑤ Real-time transmission of user's access authentication and access record log to UBio Alpeta server

Various Applications

UBio-X MPass can be used in a variety of places such as large-scale commercial facilities, educational institutions, construction sites, and apartment entrances.
Motorbike access can be managed separately in parallel with the existing Parking Management System.
(Parallel installation next to the barrier at the front door of the apartment)

Apartment gate

Construction sites

Large commercial facilities

Commercial parking lot