

Long Range System

Stable Long Range Reading Guaranteed, Weatherproofed for both Indoor / Outdoor Use, Life-Time Use of Active Cards with Replaceable Batteries, Effectively Cuts Down the Management Cost and Time

The Long Range System is designed to prohibit the entry of unidentified vehicles into the premises and provides an effective solution for vehicle / parking management with the integrations with parking ticket dispenser and fee calculation system. The long range system can be also applied in asset control, personal tracking and logistics / fleet management.



❖ System Purpose

- ✦ Cuts Down the Card Recognition Time as the Long Range Reader Identifies the Card from the Long Distance
- ✦ Decrease in Cost for Management and Patrol Guards
- ✦ Increase in Management Efficiency with Integration with Other Parking Related Systems
- ✦ Enhanced Convenience as It Doesn't Require the Opening of Vehicle Window for the Card Identification

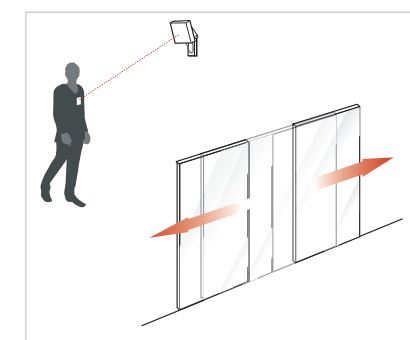
❖ System Features

- ✦ Read Range up to 10M (2M, 3M, 5M, 10M Selectable)
- ✦ Direct Bar Gate Output (Open Collector : 1 Sec)
- ✦ Applied in Asset Management, Personnel Tracking and Other Applications
- ✦ Weatherproofed to Withstand Any Weather and Environment
- ✦ OTR (One Time Reading) and HOLD Control Input for Multiple Entries
- ✦ Multiple Tag Identification (30 Tags / Sec)
- ✦ Encrypted Tag ID and Secure Protocols between Readers and Tags
- ✦ Available in 90° One-Directional / 360° Omni-Directional Antenna
- ✦ Life-Time Usable Active Cards with Replaceable Batteries

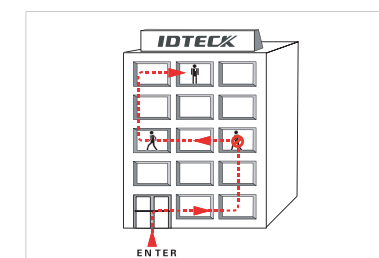
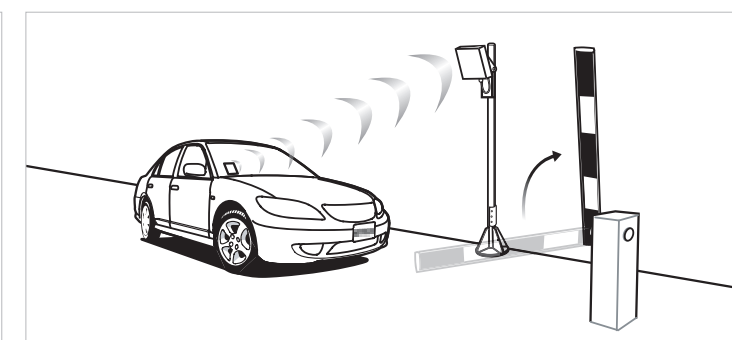


Application

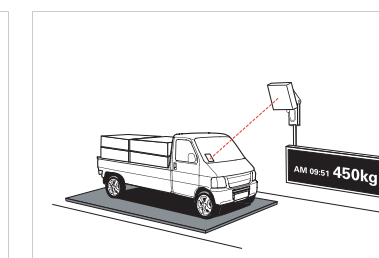
Long Range Access Control (Hands Free)



Parking Control



Personnel Tracking



Logistics Tracking



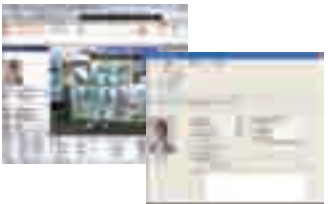
Asset Tracking

Management Software

STARWATCH ENTERPRISE
Access Control Management of Large-Size Business __ Refer to P52-53



STARWATCH STANDARD
Access Control Management of Medium-Size Business __ Refer to P54-55



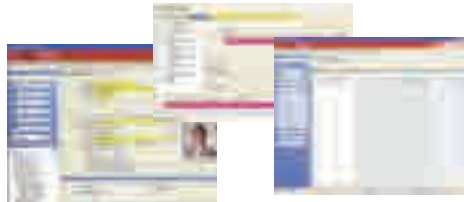
STARWATCH DUAL PRO I/II
iTDC PRO I/II, LX ACCESS PRO II
Access Control Management of Small / Medium-Size Business __ Refer to P60-61



iDWATCH IAD PRO I/II, IAD BASIC I/II, VIEW PRO
Central Monitoring System for Video Surveillance Access Control
__ Refer to P64-65
※ CMS S/W for Central Monitoring



STARWATCH TIME PRO
Professional Time & Attendance Management __ Refer to P56-57
STARWATCH TIME BASIC
Basic Time & Attendance Management __ Refer to P58-59



STARWATCH ELEVATOR PRO
STARWATCH ID BADGING PRO
Additional Modular Software __ Refer to P67-68



Access Control Panel

iMDC Controls up to 32 Doors
__ Refer to P88-89



iEDC Controls up to 8 Doors
__ Refer to P90-91
※ PoE Support/ Web Configuration Support



UIM16 / UOM16 Input / Output Expansion Board
__ Refer to P90-91



iTDC Series Controls up to 4 Doors
__ Refer to P92-93



iCON100 Controls Single Door
__ Refer to P94-95



ELEVATOR384 Elevator Management
__ Refer to P96-97



Standalone/ Network Controller

MAC2000 Series
Face / Fingerprint / Card(PIN) / PW Identification __ Refer to P102



MAC1000 Series
Fingerprint / Card(PIN) / PW Identification / Embedded Camera __ Refer to P103



LX007 Series
Fingerprint / Card(PIN) / PW Identification __ Refer to P104



FINGER007 Series
Fingerprint / Card(PIN) / PW Identification __ Refer to P105



LX505 Series
Card(PIN) / PW Identification __ Refer to P106



505R Series
Card(PIN) / PW Identification __ Refer to P107



100R Series / PIN120 Series
Card(PIN) / PW Identification __ Refer to P108



RFL200/200C Series
Card Identification __ Refer to P109



Reader & Card

LX006 Series
Fingerprint / Card Identification __ Refer to P118



FINGER006 Series
Fingerprint / Card(PIN) / PW Identification __ Refer to P119



FGR006 Series
Fingerprint / Card Identification __ Refer to P120-121



RF Series
125 KHz [PSK Format] Reader Series __ Refer to P124-125



IP Series
125 KHz [ASK/EM Format] Reader Series __ Refer to P126



SR Series
13.56 MHz SMART Card Reader Series __ Refer to P128-137



RF245 (3M/ 5M/ 10M Read Range)
2.45 GHz Long Range Reader __ Refer to P142



IDC80 (125 KHz) Card __ Refer to P127
ISC80 (13.56 MHz) Card __ Refer to P138
IDA245 (2.45 GHz) Card __ Refer to P143

