IDTECK

TOTAL SECURITY SOLUTION

The Security Company IDTECK

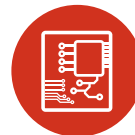| Management Software | Facial Recognition | Fingerprint Recognition | RFID & Card | Access Controller | Integrated Video Surveillance |

Experts in Security

- Since 1989 IDTECK has had its products implemented worldwide
- A professional security company that provides a Total Security Solution, On demand Solutions, and High Level of Security with continuous technological innovation

Total Security Solutions Provider

- Access Control Systems (ID Badging, Visitor Management, Elevator Control)
- Video Surveillance System Integration, with Milestone & Samsung Surveillance Systems. Customization Available with 3rd party DVR's or NVR's
- Fire Detection System
- Alarm Detection System
- BAS(Building Automation System)
- BMS(Building Management System)

Products

- RFID Readers & Cards (125Khz / 13.56Mhz / 2.45Ghz)
- Biometric Readers (Fingerprint and Face recognition)
- Control Panels (1~32 doors per access control panels)
- Standalone (Network Control Panels)
- Management Software
- DVR, NVR, IP Camera

On demand Solutions

- Quick & Proper Customization
- Protocol/SDK Support
- Powerful Technical Support
- OEM/ODM Opportunity
- Seamless Integration and Inter-operability
- System Integration Specialists Available
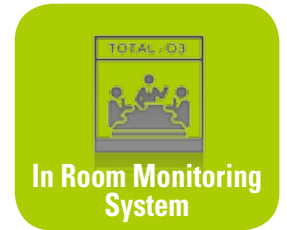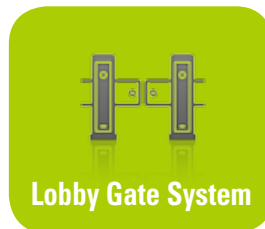- Bidding Participation
- Flexible Warranty Period

High Level of Security

- Encryption on Communication Packet (AES128)
- Biometrics (Fingerprint/Facial Recognition) Smart Card stored Technology
- PIV/FIPS201 certified for US Homeland and Security
- IDTECK Smart Card credential format Technology

IDTECK

Total Security Solutions Provider

- *Strengthen Security with Various Management Configurations*
- *Real-Time Management, Monitor and Control at Remote Site*
- *Offers Various User Defined System Settings for Flexible and Effective Management*
- *Seamless Integration with Video Surveillance, Alarm, Fire Alarm, BAS, BMS and Other Systems*
- *Fault Tolerant System Applied*

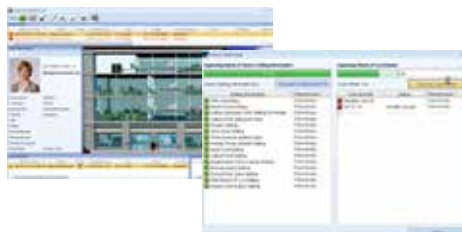## ✚ Total Security System Applications

BAS	**BMS**	**Lobby Gate System**	**Visitor Management System**	**Elevator Control System**
Special Door (Inter-Locking System)	**Access Control System**	**Video Surveillance System**	**Absence Management System**	**In Room Monitoring System**
Guard Tour System	**Personel Tracking System**	**Vehicle Management System**	**Perimeter Security System**	**ARM**
DISARM	**Alarm Detection System**	**Fire Detection System**	**Mustering System**	

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PRODUCT OVERVIEW

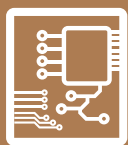## Management Software

IDTECK Enterprise

Powerful Total Security Solution
Included ID Badging, Visitor Management, Video Surveillance, Elevator Control

IDTECK Standard

Professional Security Solution
Access Control & Basic T&A Software

Access Control Panel

iMDC

Enhanced Security
Up to **32** doors access control panel

iEDC

Embedded Web Server · PoE
Up to **8** doors access control panel

iFDC

Embedded Web Server · PoE
Up to **4** doors access control panel

Standalone/ Network Controller

XO1000 Series

Wireless GPRS
Embedded Web server

MAC1000 Series

Embedded Web server
Visual Image / Video of Access Status

LX007 Series

TCP/IP communication
RF/ PIN / Fingerprint/ Network Identification

FINGER007 Series

Affordable·Stability·Security
RF / PIN / Fingerprint/ Network Identification

Reader & Card

LX006 Series

Fingerprint / RF
Identification

FINGER006 Series

Fingerprint / RF / PIN
Identification

FGR006 Series

Fingerprint / RF
Identification

Proximity Reader Series

125KHZ[PSK Format] Reader Series

IDTECK

Additional Modules for IDTECK Standard Software

Time Pro

Professional Time & Attendance management software supports various work time rules
- Additional modules available or as an independent software

ID Badging Pro

ID Badge Graphic Design Printing Software

Visitor Management Pro
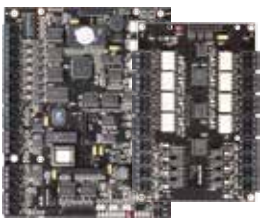
Visitor Access and Record Management

View Pro

Access Control + Video Surveillance

iTDC

Advance · Affordable · Stability
Up to 4 doors access control panel

iTDC

Affordable · Stability
Up to 2 doors access control panel

iCON100

Affordable · Stability
Single door access control panel

ELEVATOR384

Elevator Access Control Panel

LX505 Series

TCP/IP communication
RF/PIN/ Network Identification

505R Series

Affordable · Stability ·Security
RF/PIN/ Network Identification

Vandal Resistant Standalone Series

Suitable for extremely harsh Environments

100R / RFL200 Series

Easy Install, Affordable

Smart Card Reader Series

13.56MHZ Card Reader Series

Vandal Resistant Reader Series

Suitable for extremely harsh Environments

Vehicle Identification Long Range Reader & Standalone

2.45 GHz, Read Range up to 15m

IDC80(125 KHz) Card
ISC80(13.56 MHz) Card
IDA245(2.45 GHz) Card
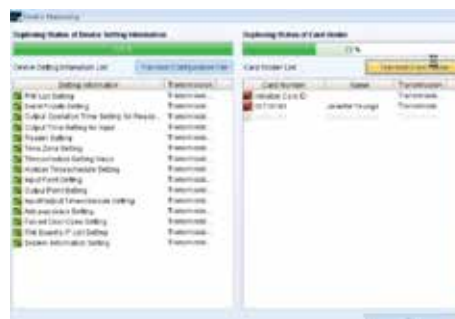
MANAGEMENT SOFTWARE

Powerful Total Security Solution
Fault -Tolerant System

IDTECK Enterprise

- Providing Total solution
  - Access control - Visitor Management - Elevator Control
  - ID Badging - Basic Time & Attendance
  - Video Surveillance (SAMSUNG DVR/NVR interface included)
- Multi-site Management
- Supports Fault Tolerant System for Stable Performance without System Feature
- Enhanced System Security features
- User Defined **Integrated Monitoring**
- Seamless Integrations with Video Surveillance, Fire Alarm, Alarm, BAS, BMS, and other Systems
- Compatible Controllers : **iMDC, iEDC, iFDC**

Integrated Monitoring

Fault Tolerant System Applied

Multi-Site Management

Maximized System Performance with Distributed System Environment

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Milestone (XProtect Interface) Video surveillance system
interface IDTECK Enterprise Software

IDTECK Enterprise Plus

- IDTECK Access And Video management System
  - Adds onvif conformance multi-site management
  - Easy to install and use the Access Control System & Surveillance System
- Providing analog/digital recording and network IP based on video recording system
- IDTECK Enterprise Software integrated with Milestone XProtect Corporate & Enterprise
- Complete solution for integrated Access Control and Video Surveillance

Access Control System + Surveillance System

Professional Security Solution
Access Control / Elevator Control & Basic Time & Attendance Software

IDTECK Standard

- Additional Modules available for expansion function (See Page 8)
  - Professional Time & Attendance - Time Pro
  - ID Badging - ID Badging Pro
  - Visitor Management - Visitor Management Pro
  - Video Surveillance - View Pro
- Multi-site management via LAN/WAN communication
- Maximized System Performance with Distributed System Environment (3-tier)
- Compatible Controllers: iTDC Series, ELEVATRO384, iCON100, LX007 Series, FINGER007 Series, LX505 Series, 505R Series, MAC1000 Series

Time Schedule

Biometric Information Management

MANAGEMENT SOFTWARE

Add On Modules for IDTECK Standard Software

IDTECK View Pro

- Integrated with video surveillance (SAMSUNG DVR/ NVR integration) management software
- Allows real-time confirmation of video using the camera list and icons
- Automatic SAMSUNG DVR/NVR search function
- Automatic pop-up notification with video image according to event configuration

Integrated with SAMSUNG DVR/ NVR video surveillance

IDTECK ID Badging Pro

- ID Badge Graphic Design printing Software
- Simple and Intuitive Card Design and Creation
- Integrations with Various Devices for Convenient Card Issuance

ID Badging Design & Print

IDTECK Visitor Management Pro

- Access control for visitor management software
- Visitor Access and Record Management
- Web-Based Visitor Pre- Registration
- Various Notification and Reporting Capabilities

Visitor Access & Record Management

IDTECK Time Pro

- Professional Time & Attendance management software supports various work time rules
- Various T&A and User Defined Reports (Excel/Text/PDF)
- User Configurable Multi-Shift Management (Double shift / Triple shift / User defined)
- Additional modules available or as an independent software
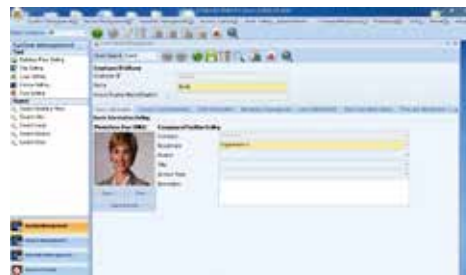
User Defined Work Schedule Settings

MANAGEMENT SOFTWARE

Professional Time & Attendance
Management Software

IDTECK Time Pro

- Professional Time & Attendance management software supports various work time rules
- Various T&A and User Defined Reports (Excel/Text/PDF)
- User Configurable Multi-Shift Management (Double shift / Triple shift / User defined)
- Additional modules available or as an independent software

Professional Time & Attendance

User Defined Work Schedule Settings

Support Various Export Features

Irregular Attendance Registration and Process

Basic Time & Attendance
Management Software

IDTECK Time Basic

- Review / Print Reports via Web Browser
- Automatic Calculation of Work Time Per User
- Lunch Time (Break Time) Management & Deduction Function
- Supports Various Exports Features (Excel, Text, PDF & Database)
- Email and SMS Notification Function

Setup Wizard
(Work Schedule Setting)

Overtime Rule Configuration

IDTECK

ACCESS CONTROL PANEL

Enhanced Security
Up to **32** doors access control panel

iMDC

- Enhanced Security as iMDC-main and iMDC-RIM are separated
  - Encrypted Data Transmission (3DES)
    between iMDC-MAIN and Communication Server
- Dependable Fault Tolerant Systems for faultless operation
- Integrations with Video Surveillance, Alarm, Fire Alarm, BAS, BMS and Other Security Systems
- 4-Status Input Check (On/Off/Short/Cut)
- Up to 32 Readers, 128 Inputs, 128 Outputs
- Local / Zone / Area / Global / Timed / Soft Anti-Passback
- Compatible Software : IDTECK Enterprise
- Up to 200,000 users
- Ehternet / RS485(iMDC<->RIM) Communication

iMDC-RIM(Remote Interface Module)
- Connect up to 16 iMDC-RIM per iMDC-Main
- 2 Readers , 8 Inputs, 8 Outputs
- Ehternet / RS485(iMDC<->RIM) Communication

iMDC-Main

iMDC-RIM

Embedded Web Server·PoE based
Up to **8** doors access control panel

iEDC

- iEDC(8Doors) : iFDC (4Doors)+ERIO Expansion board(4Doors)
- Embedded Web Server
  - Various configuration setting via web
  - Operation without installation of Management Software
- PoE (Power over Ethernet) feature
- Supports Expansion Input Board (UIM) / Expansion Output Board (UOM)
- 4 Status Input Check (On/Off/Short/Cut)
- Compatible Software: IDTECK Enterprise
- Up to 100,000 users
- Ethernet /RS485 /RS232 Communication
- UP to 88 Inputs/ 88 outputs with ERIO, UIM,UOM

ERIO (Expansion reader /input/output board)
- Required for controlling 5~8 doors
- 4 readers, 8 Input, 8 Outputs
- Supports Expansion board iFDC (Required for controlling 5~8 doors)

iEDC
(iFDC + ERIO)

ERIO

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ACCESS CONTROL PANEL

Embedded Web Server · PoE based
Up to **4** doors access control panel

iFDC

- Embedded Web Server
  - Various configuration setting via web
  - Operation without installation of Management Software
- PoE (Power over Ethernet) feature
- Supports Expansion board ERIO (Required for controlling 5~8 doors)
- Supports Expansion Input Board (UIM) / Expansion Output Board (UOM)
- Compatible Software: IDTECK Enterprise
- Up to 100,000 users
- Ethernet /RS485 /RS232 Communication
- UP to 80 Inputs/ 80 outputs with UIM,UOM

UIM (Expansion Input Board)
- 16 Inputs, 2 outputs
- Up to 4 UIM per / iFDC
- Up to 80 Inputs with 4 UIM
- RS485 Communication

UOM (Expansion Output Board)
- 16 outputs 2 Inputs
- Up to 4 UOM per / iFDC
- Up to 80 outputs with 4 UOM
- RS485 Communication

iFDC

UIM   UOM

Advance · Affordable · Stability
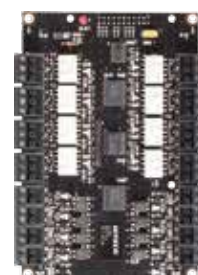Up to **4** doors access control panel

iTDC

- iTDC(2doors) + EIO88 Expansion board = MAX 4doors
- Advanced Time Schedule Setting
- Duress Mode / 2 Men Operation
- ARM/ DISARM Function
- Supports Expansion Board EIO88
- Integrations with Video Surveillance, Alarm, Fire Alarm, BAS, BMS and Other Security Systems
- Door opening Time Configurable per ID
- Compatible Software: IDTECK Standard
- Up to 50,000 users
- RS232 / RS422 / RS485 / Ethernet (Optional) Communication

EIO88 (Expansion Board)
- 8 Inputs, 8 Outputs
- Required for Controlling 3~4 Doors

iTDC
(iTDC+EIO88)

EIO88

IDTECK

ACCESS CONTROL PANEL

Affordable · Stability
Up to **2** doors access control panel

iTDC

- Advanced Time Schedule Setting
- Duress Mode / 2 Men Operation
- ARM/ DISARM Function
- Supports Expansion Board EIO88
- Integrations with Video Surveillance, Alarm, Fire Alarm, BAS, BMS and Other Security Systems
- Door opening Time Configurable per ID
- Compatible Software: IDTECK Standard
- Up to 50,000 Users
- RS232 / RS422 / RS485 / Ethernet (Optional) Communication

iTDC

Affordable · Stability
Single door access control panel

iCON100

- Alerts when door opening time exceeds and forced door open
- 3 Status Input check (On/Off/Cut)
- Anti-Passback Function
- Compatible Software: IDTECK Standard
- Up to 50,000 Users
- RS232 / RS422 / RS485 / Ethernet (Optional) Communication

iCON100

Affordable · Stability
Elevator Access Control Panel

ELEVATOR384

- Controls up to 384 Floors
  (12 Floors per Controller, Expandable up to 32 Controllers per Loop)
- Supports up to 4 Key Panels per each Elevator
- Time Schedule Setting by Floor or ID
- Allows Integration with iTDC Access Control Panel
- Compatible Software: IDTECK Standard, Elevator Pro
- Up to 50,000 Users
- RS232 / RS422 / RS485 / Ethernet (Optional) Communication

ELEVATOR384

STANDALONE CONTROLLER

Wireless GPRS & Embedded Web server
Fingerprint Identification Standalone Controller

XO1000

- Wireless GPRS, WiFi
- Embedded Web Server
  - Various configuration setting via web
  - Operation without installation of Management Software
- PoE (Power over Ethernet)
- USB available
- Camera built in & NVR/DVR interface
- Video Image with built in camera
- Operation Mode (RF, Fingerprint, RF+Fingerprint)
- Fingerprint Registration : 25,000 Users
- Users / Event Buffers : 100,000Users / 500,000 Events

XO1000

Embedded Web Server · Camera · PoE
Fingerprint Identification Standalone Controller

MAC1000

- Embedded Web Server
  - Various configuration setting via web
  - Operation without installation of Management Software
- WiFi supportable
- Camera built in & NVR/DVR interface
- Video Image with built in camera
- USB available
- PoE (Power over Ethernet)
- Videophone interface
- Operation Mode (RF, Fingerprint, RF+Fingerprint)
- Fingerprint Registration : 25,000 Users
- Users / Event Buffers : 100,000Users / 500,000 Events

MAC1000

Versatile Interface
Fingerprint Standalone Controller
(Fingerprint / PIN / RFID)

LX007

- Graphic LCD Applied
- Multi language display and voice support
- 12 Function Keys for Various T&A Applications
- 3-Status Input Check (On/Off/Cut)
- Allows Registration of 10 Administrator Using the Fingerprint
- TCP/IP, RS485, RS232 communication
- Users / Event Buffers : 20,000Users / 20,000 Events

LX007

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STANDALONE CONTROLLER

Multi Layered Security
Fingerprint Standalone Controller (Fingerprint / PIN / RFID)

Finger007

- Time Schedule Setting
- Identification is made using only the fingerprint without using any cards or keypads.
- Anti-Pass Back Mode
- RS232, RS422, RS485, TCP/IP(Optional) communication
- Users / Event Buffers : 50,000Users / 50,000 Events

Finger007

Comfortable & Easy Interface
RFID Standalone / Network Controller (RFID/ PIN)

LX505

- Graphic LCD Applied
- Multi language display and voice support
- 12 Function Keys for Various T&A Applications
- 3-Status Input Check (On/Off/Cut)
- TCP/IP, RS485, RS422 communication
- Users / Event Buffers : 20,000Users / 20,000 Events

LX505

Affordable · Stability · Security
RFID Standalone / Network Controller (RFID/ PIN)

505R

- Multi language display support
- Time Schedule Setting
- Operation mode selectable according to user environment
- Anti-Pass Back Mode
- RS232, RS422, RS485, TCP/IP(Optional) communication

505R

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STANDALONE CONTROLLER

Vandal Resistant
Proximity Standalone Controller (RFID/PIN)

100RV/RFL200V

- Illuminated LED touch keypad (100RV)
- Suitable for extremely harsh environments
  (IP-68, Full epoxy potted, waterproof, weatherproof)
- Unique anti-tamper screw protection
- One-piece design "Rugged, Compact and Vandal Resistant"
- Material: Polycarbonate / Aluminum Die Casting
- Users : 512 Users

100RV RFL200V

Affordable · Stability
Proximity Standalone Controller (RFID/PIN)

100R

- Access Control and basic Time & Attendance together in one device
- All I/Os and Operation Time Programmable by Keypad
- Keypad Lock by Try-out Error Alarm Function
- Temper switch (2ea)
- Chime Bell Output
- Users : 512 Users

100R

Easy Installation
Proximity Standalone Controller (RFID)

RFL200/RFL200C

- **RFL200** - Standalone / Non Network Controller (RFID)
- **RFL200C** - Standalone / Network Controller (RFID) /RS485 Communication
- Door Lock Type Selectable
  - Power Fail Safe/Power Fail Secure
- Available for Outdoor Installation
  - Epoxy Molding / Outdoor capacity : IP66
- Device Information and Operation Status Display via Nine LED and Buzzer
- RFL200/RFL200C - 512 users

RFL200C

RFL200

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FINGERPRINT READER

Versatile Interface
Fingerprint Reader (Fingerprint / RFID)

LX006

- Identification Mode: RF, Fingerprint, RF+Fingerprint
- Operation Mode (RF, Fingerprint, RF+Fingerprint) Switches Over Automatically According to the Time Schedule Configured on the Controller
- Voice Guide Output and Multi-Language Support
- Supervisory Signal Transmission for Device Operation Status Check (Optional)
- TCP/IP, Wiegand, RS232, RS485 Communication
- **LX006** : 125KHz (PSK Format/IDC Type) Proximity RF Card / Fingerprint Recognition
- **LX006SR** : 13.56MHz (MIFARE, ISO14443 Type A Compatible) SMART Card Fingerprint Recognition

LX006

Multi Layered Security
Fingerprint RF Reader (Fingerprint / RFID)

Finger006

- Time Display on LCD
- Wiegand, RS232, RS422,RS485, TCP/IP (Optional) Communication
- **FINGER006** : 125KHz(PSK Format/IDC Type) Proximity RF Card or PIN / Password / Fingerprint Recognition
- **IP-FINGER006** : 125KHz(ASK [EM]Format) Proximity RF Card or PIN / Password / Fingerprint Recognition
- **FINGER006SR** : 13.56MHz(MIFARE, ISO14443 Type A Compatible) SMART Card or PIN / Password Fingerprint Recognition
- **FINGER006SRB** : Fingerprint Stored 13.56MHz MIFARE SMART Card or PIN / Password / Fingerprint Recognition

Finger006

High Compatibility
Fingerprint RF Reader (Fingerprint / RFID)

FGR006

- Supervisory Signal Transmission for Device Operation Status Check (Optional)
- Wiegand, RS232, RS422,RS485, TCP/IP (Optional) Communication
- **FGR006** : 125KHz (PSK Format/IDC Type) Proximity RF Card / Fingerprint Recognition
- **IP-FGR006** : 125KHz (ASK [EM] Format) Proximity RF Card / Fingerprint Recognition
- **FGR006SR** : 13.56MHz (MIFARE, ISO14443 Type A Compatible) SMART Card / Fingerprint Recognition
- **FGR006SRB** : Fingerprint Stored 13.56MHz MIFARE SMART Card / Fingerprint Recognition

FGR006

PROXIMITY READER SERIES

Easy Installation / Lifetime Warranty / Weatherproofed

RF TINY/RF10/RF20/RF30

- Lifetime Warranty
- Easy install on door frame(RF10 / RF TINY)
- Wall mount (RF20, RF30)
- Read Range
  - **RF Tiny / RF10 / RF20**
    IDC80 : Up to 4 inches (10cm)
    IDC170 : Up to 4 inches (10cm)
  - **RF30**
    IDC80 / IDC170 Up to 12 inches (30cm)

RF10

RF30

RF TINY

RF20

PROX10/ PROX10H

- **PROX10** : 125KHz Proximity Reader [IDC& Indala format]
- **PROX10H** : 125KHz Proximity Reader [IDC, Indala & HID Format]
- Life Time Warranty
- Easy Install on door Frame
- Read Range
  - **IDC80** : Up to 4 inches (10cm)
  - **IDC170** : Up to 4 inches (10cm)

PROX10/PROX10H

RFK101

- 12 Numeric Keypads with Back Lighting
- Wall Mount (US, EU, Asian Gang Box Size)
- Reverse Polarity Protection
- Read Range : IDC80 / IDC170 Up to 4 inch (10cm)
- Operation Mode (RF, PIN, RF+PIN)

RFK101

RFK505

- Fast Identification Speed
- User Defined format Available
- 16 Numeric Keypads with Back Lighting
- Wall Mount (US, EU, Asian Gang Box Size)
- Read Range : IDC80 / IDC170 Up to 4 inch (10cm)

RFK505

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▌SMART CARD READER SERIES

High Compatibility / Strengthened Security / Various Applications

SR Series	- High Compatible with ISO14443
	- Identifies UID 7byte / 4byte
	- High Compatibility with Existing Smart Card
	- Can be used as Transit Card, E-Commerce, Student ID Card, Bank Credit Card and etc.
SRS Series	- Security is Strengthened as Access Key Encrypted by the User or IDTECK is Used in Writing the ID Number on Certain Sector or Block
SRB Series	- Security is Maximized as the Fingerprint is Stored in the Card, not in the Device.
	-> In Case the Card is Lost, there is no Need to Worry as the Fingerprint Stored in the SMART Card is Only Used to Identify the User and Password
SR RW Series	- Read and Write on Card According to User's Preference
	- Various Applications such as Access Control, Time & Attendance, Debt Meal, Vehicle Management and Other Applications with One Card

SR10/SR30 Series

- 3 Array LED Indicators (Red and Green) and Beeper
- Identifies UID 7byte / 4byte
- **SR10** Series - Easy install on door frame
- **SR30** Series- Wall Mount (US, EU, Asian Gang Box Size)

SR10
SR10S
SR10B
SR10RW

SR30
SR30S
SR30B
SR30RW

SRK505/SRK101 Series

- Wall Mount (US, EU, Asian Gang Box Size)
- Tamper Switch (2 EA)
- **SRK505** - Time Display on LCD
- Supervisory Signal Transmission for Device Operation Status Check (Optional)

SRK505

SRK101
SRK101S
SRK101B
SRK101RW

| VANDAL RESISTANT READER SERIES

Suitable for extremely harsh Environments

RFK101V/SRK101V

- **RFK101V** - 125KHz Proximity Reader
- **SRK101V** -13.56MHz Smart Card Reader
- Illuminated LED touch keypad
- Suitable for extremely harsh environments(IP-68)
- Unique anti-tamper screw protection
- One-piece design "Rugged, Compact and Vandal Resistant"
- Material: Polycarbonate / Aluminum Die Casting
- Read Range
  - **RFK101V** - IDC80 / IDC170 Up to 3inch (7cm)
  - **SRK101V** - ISC80 Up to 3inch (7cm)

RFK101V
SRK101V

RF10V/SR10V/RF20V/SR20V

- **RF10V, RF20V** - 125KHz Proximity Reader
- **SR10V, SR30V** - 13.56MHz Smart Card Reader
- Suitable for extremely harsh environments (IP-68)
- Unique anti-tamper screw protection
- **RF10V, SR10V** - Easy install on door frame
- **RF20V, SR30V** - Wall Mount (US, EU, Asian Gang Box Size
- Material: Polycarbonate / Aluminum Die Casting

RF10V
SR10V

RF20V
SR30V

Weatherproof

Waterproof

Vandal Resistant

VEHICLE IDENTIFICATION READER & CARD

2.45GHz Long Range Standalone & Reader
(Up to 15m Reading Range - Selectable in the Field)

Neo RF245 / Neo RF245S

- Various Reading Range Selectable in the Field
  2m(6.5ft)/3m(10ft)/5m(16ft)/10m(33ft)/15m(50ft)
- Utilized Various Applications (Vehicle Control / Logistics Tracking /
  Personnel Tracking / Asset Tracking)
- Multiple Card/Tag Identification (Identifies 30 cards per second)
- 90° One-directional Antenna for Long Range Identification (360° Omni-
  directional Antenna Selectable)
- By using the secured algorithms between the reader and the card, it
  offers encrypted card ID communication
- **Neo RF245** - Long range reader
- **Neo RF245S** - Long range standalone reader
  (Users / Event Buffers : 5,000Users / 8,000 Events)

Neo RF245 / Neo RF245S

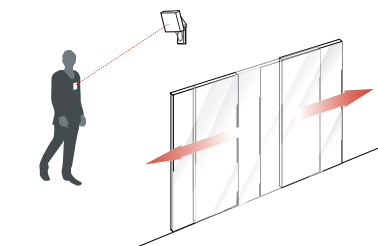## 2.45GHz Long Range Card

IDA 245

- Compatible with RF245 Readers
- User programmable Site code, ID number
- Attachable on Vehicle behind windshield or dashboard
- Lifetime active tags with replaceable battery CR2025
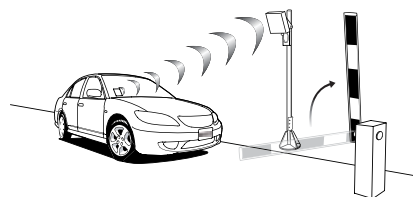- **IDA245H2** - Card for a car with windshield metal coated for ESD protection

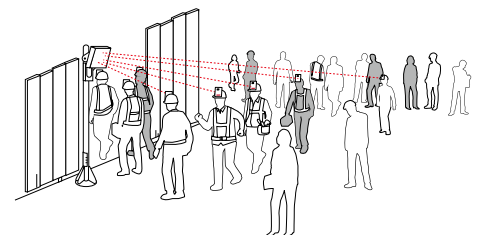IDA245   Card Holder

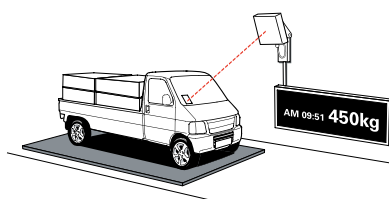## Long Range System Applications

Long Range
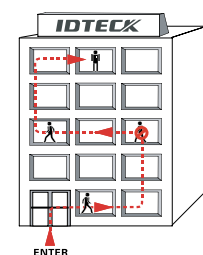Access Control (Hands-Free)

Parking Control
(Vehicle access control)

Time & Attendance on Construction Site

Logistics/Fleet Management
(Weighing solution)

Asset Tracking

Personnel Tracking

The Security Company

CARD & TAG

Proximity Card & Tag

- **IDC80** - ISO Credit Card Size and Thickness
  - Allows for graphic printing on card
- **IDC170** - Clam Shell Proximity Card
- **IDK50** - Keyfob
- **LXK50** - Red color LED Indicators on reading time
- **IMC125** - Easy to attach on Personal Belongings
  (MS / Barcode Card, Wallet, PDA, Cell Phone)

IDC80

IDC170

IDK50

LXK50

IMC125

Smart Card & Tag

- **ISC80** - ISO Credit Card Size and Thickness
  - Allows for graphic printing on card
- **ISC80S** – IDTECK Credential SRS Series Readers
- **IHC80** – IDC Type 125KHz + Mifare 13.56 MHz
  Compatible Card
- **ISK50** - Keyfob
- **IMC135** - Easy to attach on Personal Belongings
  (MS / Barcode Card, Wallet, PDA, Cell Phone)

ISC80/ISC80S

IHC80

ISK50

IMC135

LXK50

Personal Belongings using IMC125

IDTECK

Reference Sites

Europe

- TURKEY : Ministry of Foreign Affair, Republic of Turkey supreme Court
  TOBB University, Social Security Hospitals, Show TV
  Channel Building, Ziraat Bank Ankara and Istanbu,
  Embassy of Indonesia/ Istanbul,
- HUNGARY : Budapest National Museum
- NORWAY : Munk Museum
- BULGARIA : Bulgarian Nuclear Power Plant
- ITALY : Milano Exhibition Center
- SPAIN : University of Barcelona, Calle 30 (Highway Toll Gate),
  The Ministry of Justice
- PORTUGAL : Internal Administration Ministry
- CROATIA : Croatian Tollgate of Motorway
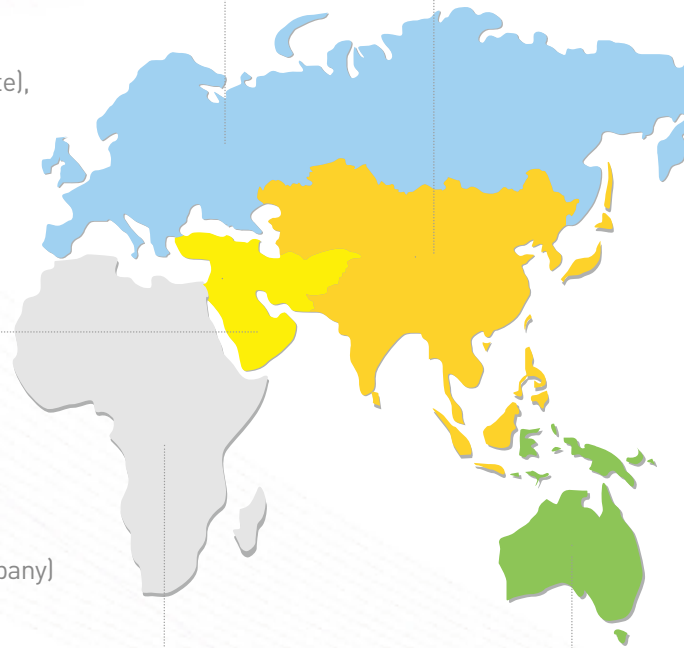- YUGSLAVIA : LHB Bank

Middle East

- UAE : Dubai Airport, Dubai Exchange Center, Ministry of
  Defense, Department of Immigration, Dubai Tower
- KUWAIT : Kuwait Ministry of Justice & Ministry of Defense
- OMAN : Ministry of Environment & Climate Affairs
- YEMAN : Credit & Agricultural Bank
- SAUDI ARABIA : Marriot Hotel, ARAMCO(National Oil Company)

Africa

- SUDAN : Farmers Commercial Bank
- EGYPT : Cairo Airport, Ministry of Transportation,
  Arab Academy for Science & Technology AAST
- NIGERIA : Oil&Gas Free Zon Onne

Oceania

- FIJI : Shareaton Fiji
- AUSTRALIA : Hyatt Hotel- ACT, National Credit Management,
  South East Water, Aldi Supermarket Head Office

IDTECK's Innovative Techologies are Being Used Worldwide.

Asia

- **KOREA** : Yonsei University,Osong Bio-Health Technopolis, NAJU Museum, Seoul-Incheon Waterway, Kimpo Airport, LG CNS, NC SOFT, Garak-dong Agricultural & MarinMarket, KEPCO, Samsung Plaza, CJ IDC center, Daegu Metropolitan Transit - Daegu City,Ministry of Foreign Affairs and Trade, City Hall/ Seoul,
- **CHINA** : Air Macau, Gezhouba Power Plant, Dalian Shipbuilding Industry, International Bank of Taipei, Hong Kong Police Station, HK Housing Society, Tuen Mun Hospital, HK JEBN LTD.
- **INDIA** : Bank of Tokyo UFG Ltd, Bank of Baroda
- **THAILAND** : Thai Government Courts, Bangkok Bank Ltd., Chulalongkorn Hospital, Thammasat University, Central Pattana Plc., Toyoda Kosei (Thailand) Co., Ltd., Volvo Group (Thailand) Co., Ltd.,Pruksa Real Estates
- **VIETNAM** : Vietnam Post & Telecommunication, Vietnam Post & Telecom Corp, SEABANK, CHINA - SUMIKI STEEL, VIETTEL (TELECOM), Vietnam Ministry of Police HQ
- **PHILIPPINE** : Ministry of Justice, University of Manila Deliman, Vietnam Post & Telecommunications
- **PAKISTAN** : Pakistan Telecommunication Company Ltd.
- **SRI LANKA** : Office of Customs Administration

North America

- **USA** : Department of the Army/ US Army Garison/ Fort Detrick, United States Department of Defense/Pentagon, Juvenile Guidance Center, Northern Beef Packers, Korean Air, U.S.A. LA Cargo / San Francisco Cargo / New York Cargo, CPS Energy Plant, Hawaii Air National Guard/ Honolulu Hawaii, Honolulu Police Department, Pentagon, Washington DC Juvenile Guidance Center, Hawaii Air National Guard/Honolulu Hawaii, Department of Emergency Service, Honolulu Police Department, Department of the Army, US Army Umatilla Chemical Depot US Army Garrison Fort District, Defense Finance and Accounting Service
- **CANADA** : IBM Data Center Canada

South America

- **PANAMA** : Global Bank, McDonalds, San Fernando Hospital
- **MEXICO** : Sea Port of Mazatlan, Navy of Mexico, Institute Politecnice Nacional
- **BRAZIL** : Pfizer Inc., Agencia Petroleo Brazil
- **ECUADOR** : Andean Telecom
- **COLUMBIA** : South America World Trade Center

* Additional references can be found at www.idteck.com

The Security Company

www.idteck.com

Headquarters : IDTECK Co., Ltd.
5F, Ace Techno Tower Bldg, 468, Gangseo-ro, Gangseo-gu, Seoul, 157-030, Korea
Tel : +82-2-2659-0055   Fax : +82-2-2659-0086
E-mail : webmaster@idteck.com   Website : www.idteck.com

North America : IDTECK Global Inc.
1555 Redondo Beach Blvd #100 Gardena, CA 90247
Tel. +1-702-421-2416 / +1-702-421-2493 Fax: +1-702-421-2488
Email : sales@idteckglobal.com Website : www.idteckglobal.com
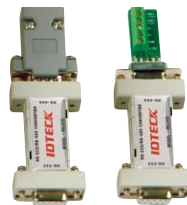
Accessories

Ethernet Converter

ILAN422/ILAN485

- ILAN422
  - Ethernet : 10/100 Base-T, Half/Full Duplex
  - Serial : RS232/RS422
  - Baud Rate : 1200bps ~ 230.4kbps

- ILAN485
  - Ethernet : 10/100 Base-T, Half/Full Duplex
  - Serial : RS232/RS485
  - Baud Rate : 1200bps ~ 230.4kbps
  - Dimension : 81 x 103 x 30mm

Serial Converter

INC300/INC400

- Operates without Additional Power Supply / Transmission Data Line Automatic Control
- INC300 : Converts RS485 Signal to RS232 Signal
- INC400 : Converts RS422 Signal to RS232 Signal
- Type A : Connection Cable Included / Type B : Connection Cable Not Included
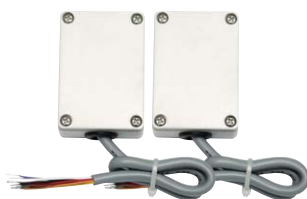- Dimension : 68W x 17H x 33Dmm

Type A   Type B

Wireless LAN

IWLAN132

- IEEE802.11 b/g Standard Regulation Size
- WEP 64 Bit/128 Bit Data Encryption, AES, WPA2
- Network Mode : Infrastructure, Ad-Hoc LAN (for Configuration / Ethernet Hub)
- Ports : RS232/RS422/RS485 Port 1 EA, Male DB9, Selectable via Software
- Power : DC12V

Wiegand Repeater

WIEGAND REPEATER

- Wiegand Data Repeater

- WIK Repeater TX, RX Terminal Connection
  - TX Terminal : Connect to RF Reader
  - RX Terminal : Connect to Controller
- Power : DC12V / 30mA   • Dimension : 65W x 25H x 46Dmm

Wiegand Converter

WIEGAND CONVERTER

- Reader Output Data Converter
  - Input Data Format : Wiegand, ABA Track II, RS232
  - Output Data Format : Wiegand, ABA Track II, RS232
- Power : DC12V / 30mA   • Dimension : 55W x 15H x 55Dmm

Accessories

Power Pack

ID40WA

- AC90 ~ 240V (50/60Hz) Input
- DC13V, 3.0A Output
- FCC Class B

NFB Switch

- AC100~240V, 30A

Backup Battery

- Provides additional 2~6 hour operation after the primary power supply fails. (DC 12V/7A)

Key Features

- Designed to provide complete power supply configuration for access control system
- Power source changes/recovers automatically AC to DC or DC to AC during the power failure
- Over voltage and current protection
- Built-in battery recharge circuit
- Alarm signal for AC power failure
- Alarm signal for low battery voltage

Power Adaptor

IPA 100

- AC110V~220V, Output DC 12V/1A
- Suitable for 505R, 100R and RFL200

Fingerprint Scanner

FINGER PRO

- Used to register fingerprints in connection with STARWATCH FINGERPRINT ENROLLMENT PRO S/W
- Precise authentication through the distinct algorithm and recognition ratio
- Durable, slim-designed and convenient fingerprint scanner
- Provides USB Interface

Communication Cable for Up/Downloading Fingerprint

RS232 Stereo Jack

- Used to up/download fingerprints to/from fingerprint readers (FGR006, IP-FGR006, FGR006SR) in connection with laptop

Electro magnetic(EM) Lock Series

IEM180 | Single Door Magnetic Lock

- Holding Force : 180 Kg (400LBS)
- Current Draw : DC12V/300mA, DC24V/150mA
- Suitable for Wooden Door / Glass Door / Metal Door / Fire Proof Door
- Dimension : 170W x 35H x 21D (mm)

IEM180D | Double Door Magnetic Lock

- Holding Force : 180 Kg (400LBS)
- Current Draw : DC12V/300mA, DC24V/150mA
- Suitable for Wooden Door / Glass Door / Metal Door / Fire Proof Door
- Dimension : 340W x 35H x 21D (mm)

IEM280 | Single Door Magnetic Lock

- Holding Force : 280 Kg (600LBS)
- Current Draw : DC12V/480mA, DC24V/240mA
- Suitable for Wooden Door / Glass Door / Metal Door / Fire Proof Door
- Dimension : 250W x 42H x 25D (mm)

IEM280D | Double Door Magnetic Lock

- Holding Force : 280 Kg (600LBS)
- Current Draw : DC12V/480mA, DC24V/240mA
- Suitable for Wooden Door / Glass Door / Metal Door / Fire Proof Door
- Dimension : 500W x 42H x 25D (mm)

IEM280(LED) | Single Door Magnetic Lock with LED

- Built-In Door Contact
- Holding Force : 280 Kg (600LBS)
- Current Draw : DC12V/480mA, DC24V/240mA
- Suitable for Wooden Door / Glass Door / Metal Door / Fire Proof Door
- Dimension : 250W x 42H x 25D (mm)

Accessories

▶▶ IEM280D(LED) | Double Door Magnetic Lock with LED

- Built-In Door Contact
- Holding Force : 280 Kg (600LBS)
- Current Draw : DC12V/480mA, DC24V/240mA
- Suitable for Wooden Door / Glass Door / Metal Door / Fire Proof Door
- Dimension : 500W x 42H x 25D (mm)

▶▶ IEM280M | Single Door Magnetic Lock with Mortise Mount

- Holding Force : 280 Kg (600LBS)
- Current Draw : DC12V/480mA, DC24V/240mA
- Suitable for Wooden Door / Glass Door / Metal Door / Fire Proof Door
- Dimension : 230W x 38H x 26D (mm)

▶▶ IEM500(LED) | Single Door Magnetic Lock with LED

- Built-In Door Contact
- Holding Force : 500 Kg (1,100LBS)
- Current Draw : DC12V/420mA, DC24V/210mA
- Suitable for Wooden Door / Glass Door / Metal Door / Fire Proof Door
- Dimension : 266W x 67H x 39D (mm)

▶▶ IEM500D(LED) | Double Door Magnetic Lock with LED

- Built-In Door Contact
- Holding Force : 500 Kg (1,100LBS)
- Current Draw : DC12V/420mA, DC24V/210mA
- Suitable for Wooden Door / Glass Door / Metal Door / Fire Proof Door
- Dimension : 532W x 67H x 39D (mm)

Electro magnetic(EM) Lock Brackets

IBK180UL | U Bracket for Frameless Glass Door

- Glass Thickness : 8 ~ 15mm
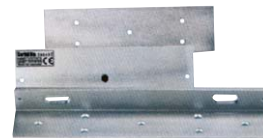- Suitable for Glass Door
- Compatible Lock : IEM180, IEM180D

IBK280UL | U Bracket for Frameless Glass Door

- Glass Thickness : 8 ~ 15mm
- Suitable for Glass Door
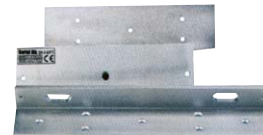- Compatible Lock : IEM280 (LED), IEM280D(LED)

IBK180ZL | ZL Bracket for Inward Door

- Suitable for Wooden Door / Metal Door
- Compatible Lock : IEM180, IEM180D

IBK280ZL | ZL Bracket for Inward Door

- Suitable for Wooden Door / Metal Door
- Compatible Lock : IEM280 (LED), IEM280D(LED)

Amateur Holder | Metal Plate for Magnetic Door Lock

- EM Lock Metal Plate for Outward Swing Door
- Dimension : 200W x 55H x 15D (mm)
- Weight : 0.2 Kg (0.44LBS)

Electric Strike Lock Series

IES130NO/130NC | Standard Electric Strike Lock

- Holding Force : 300 Kg (660LBS)
- Current Draw : DC12V/450mA (IES130NO), DC12V/200mA (IES130NC)
- Suitable for Wooden Door / Metal Door
- Fail Secure : IES130NO
- Fail Safe : IES130NC
- Dimension : 150W x 39.5H x 28D (mm)

Accessories

IES131NO/131NC | Short-type Electric Strike Lock

- Holding Force : 300Kg (660LBS)
- Current Draw : DC12V/450mA (IES131NO), DC12V/200mA (IES131NC)
- Suitable for Wooden Door / Metal Door
- Fail Secure : IES131NO
- Fail Safe : IES131NC
- Dimension : 160W x 25H x 28D (mm)

IES132NO/132NC | Long-type Electric Strike Lock

- Holding Force : 300Kg (660LBS)
- Current Draw : DC12V/450mA (IES132NO), DC12V/200mA (IES132NC)
- Suitable for Wooden Door / Metal Door
- Fail Secure : IES132NO
- Fail Safe : IES132NC
- Dimension : 250W x 25H x 28D (mm)

IES133NC | Fail Safe Electric Strike Lock Suitable for Glass Door

- Holding Force : 150Kg (330LBS)
- Glass Thickness : 8 ~ 12mm
- Current Draw : DC12V/200mA
- Dimension : 160W x 25H x 28D (mm)

EDM105NO/103NC | Standard Electric Strike Lock with Door Monitoring Latch

- Suitable for Wooden Door / Metal Door
- Holding Force : 300Kg (660LBS)
- Fail Secure : EDM105NO / Fail Safe : EDM103NC
- Current Draw : DC12V/120mA
- Dimension : 150W x 39.5H x 28D (mm)

IS138NO/138NC | ANSI Standard Heavy Duty Electric Strike Lock

- Suitable for Wooden Door / Glass Door / Metal Door / Fire Proof Door
- Fail Secure : IS138NO / Fail Safe : IS138NC
- Current Draw : DC12V/250mA
- Holding Force : 800Kg (1,700LBS)
- Dimension : 124W x 33H x 32D (mm)

IS138NOL/138NCL | Long Type ANSI Standard Heavy Duty Electric Strike Lock with Door Monitoring Latch
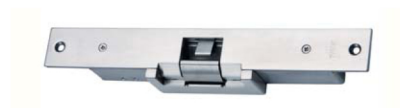
- Suitable for Wooden Door / Glass Door / Metal Door / Fire Proof Door
- Fail Secure : IS138NOL / Fail Safe : IS138NCL
- Current Draw : DC12V/120mA
- Holding Force : 800Kg (1,700LBS)
- Dimension : 165W x 33H x 32D (mm)

Electric Strike Lock Series

▶▶ IES900NO/IES900NC | Heavy Duty Electric Strike with Door monitoring Latch

- Holding Force : 900Kg (200LBS)
- Current Draw : DC 12V /500mA or DV24V/300mA
- Suitable for Wooden Door / Fire Proof Door
- Fail Secure : IES900NO
- Fail Safe : IES900NC
- Dimension : 240W x 30H x 32D(mm)

Electric Dead Bolt(Drop Bolt) Lock Series

▶▶ IEB100 | Fail Safe Electric Bolt Lock with Magnetic Feature

- Built-In Door Contact
- Holding Force :800Kg (1,700LBS)
- Current Draw : DC12V/900mA (Start), 80mA (Standby)
- Suitable for Wooden Door / Glass Door / Metal Door / Fire Proof Door
- Dimension : 205W x 35H x 40D (mm)

▶▶ IEB200 | Fail Safe Electric Bolt Lock with Magnetic Feature (Monitoring LED)

- Built-In Door Contact
- Holding Force :800Kg (1,700LBS)
- Current Draw : DC12V/900mA (Start), 150mA (Standby)
- Suitable for Wooden Door / Glass Door / Metal Door / Fire Proof Door
- Operation Time Configurable : 0 / 3 / 6 / 9 sec.
- Dimension : 205W x 35H x 40D (mm)

▶▶ IEB300 | Fail Safe Electric Bolt Lock with Magnetic Feature

- Built-In Door Contact
- Holding Force :800Kg (1,700LBS)
- Current Draw : DC12V/900mA (Start), 150mA (Standby)
- Suitable for Wooden Door / Glass Door / Metal Door / Fire Proof Door
- Operation Time Configurable : 0 / 3 / 6 / 9 sec.
- Dimension : 205W x 35H x 40D (mm)

▶▶ IEB400 | Fail Safe Electric Bolt Lock for Autometic Door

- Built-In Door Contact
- Holding Force : 800Kg (1,700LBS)
- Current Draw : DC12V/800mA (Start), 300mA (Standby)
- Suitable for Automatic Door
- Operation Time Configurable : 0 / 3 / 6 / 9 sec.
- Dimension : 205W x 35H x 40D (mm)

Accessories

Electric Dead Bolt(Drop Bolt) Lock Series

IEB500 | Fail Safe Electric Bolt Lock with Adjustable Ball Feature

- Built-In Door Contact
- Holding Force : 800Kg (1,700LBS)
- Current Draw : DC12V/900mA (Start), 100mA (Standby)
- Suitable for Wooden Door / Glass Door / Metal Door / Fire Proof Door
- Operation Time Configurable : 0 / 3 / 6 / 9 sec.
- Dimension : 205W x 35H x 40D (mm)

Electric Dead Bolt(Drop Bolt) Brackets

IBK600 | Stainless Steel Bracket for Frameless Glass Door

- Glass Thickness : 8 ~ 15mm
- Suitable for Swing Door with Dead Bolt Lock
- Compatible Lock : IEB-100/200/300/400/500
- Dimension : 95W x 49H x 39D (mm)

IBK700 | Stainless Steel Bracket for Frameless Glass Door

- Glass Thickness : 8 ~ 15mm
- Suitable for Swing Door with Dead Bolt Lock
- Compatible Lock : IEB-100/200/300/400/500
- Dimension : 205W x 58H x 46D (mm)

Electric Hinge

EH9 | Cased Electric Hinge

- Installed between Door Frame and Door to Prevent Cable Damage from Door Activity.
  It also Prevents Unlawful Attempts of Cutting or Damaging the Cable. (Hidden Design)
- Cable : 22AWG UL 1007 Heatproof PVC Cable
- Cable Length : 1,500mm (9 PIN Connector)
- Material : Stainless Steel
- Dimension : 25W x 160H x 42D (mm)

EH10 | Exposed Electric Hinge

- Installed between Door Frame and Door to Prevent Cable Damage from Door Activity.
  It also Prevents Unlawful Attempts of Cutting or Damaging the Cable. (Exposed Design)
- Cable Length : 400mm / Material : Stainless Steel
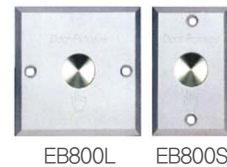- Dimension : 11mm (External Diameter), 8.3mm (Internal Diameter)

Exit Button

EB20/EB10

- Used as a Exit Button Connected to Access Controller
- Installed on the Exiting Side of the Door and Operates without Additional Power Supply
- Type : NO (Normal Open) / NC (Normal Close)
- Material : Stainless Steel
- Dimension - EB10 : 43W x 98H x 45D (mm)
  - EB20 : 38W x 80H x 38D (mm)

EB10   EB20

EB800L/EB800S

- Used as a Exit Button Connected to Access Controller
- Installed on the Exiting Side of the Door and Operates without Additional Power Supply
- Type : NO (Normal Open) / NC (Normal Close)
- Material : Stainless Steel
- Dimension - EB800L : 86W x 86H (mm)
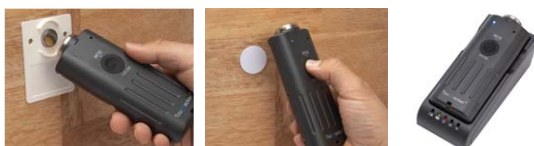 - EB800S : 50W x 80H (mm)

EB800L   EB800S

EB01

- Used as a Exit Button Connected to Access Controller
- Installed on the Exiting Side of the Door and Operates without Additional Power Supply
- Type : NO (Normal Open) / NC (Normal Close)
- Material : PVC
- Dimension : 37W x 124H x 33D (mm)

PUSH

Guard Tour Checking System Touch Checker

TC-200

- Suitable System for Areas where Designated Person Must Personally Check at Designated Time
- Effective Management and Monitoring of Patrol, Security Guard and Patrol Check Points
- Vibration Mode Available for Noisy Work Environment (Optional)
- User Convenient USB Interface / Waterproof
- Long Lasting and Rapid Recharging Battery
- Stores up to 10,922 Events of Patrol Data (Expandable up to 21,845 Events with Memory Expansion)

--- TC-200 Touch Checker Full Kit ---

Checking Machine (TCR-200/1ea)

Data Transmitter & Charger (TCB-200/1ea)

Leather Carrying Case (TCL-200/1ea)

Serial/USB Cable (TCC-200/1ea)

Operating Software (TCS-200/1ea)

Power Adaptor (TCA-200/1ea)

Checkpoint Chip (i-Button) (TCP-200/20ea)

Bracket for TCP-200 (TCK-200/20ea)

Accessories

Miscellaneous

▶▶ EKS5 | Emergency Key Switch

- Emergency Key Switch for Overriding Access Control, in Case the Door does not Open during the Emergency.
- Installed on the External Side of the Door
- Type : NO (Normal Open) / NC (Normal Close)
- Material : Stainless Steel

▶▶ EBG02 | Break Glass Fire Emergency Exit Release

- Break Glass Fire Emergency Exit Release for Overriding Access Control to Activate the Siren and Alarm during the Emergency
- Color : Green, Orange, Red, White
- Dimension : 86W x 86H (mm)

▶▶ DCT100 | Door Contact

- Door Contact Sensor for Monitoring Open/Close Status of Door
- Standard Surface Contact (N/C, N/O Loop)
- Operating Distance : 3/4" (0~2cm)
- Ferrite Magnet Type

▶▶ Card Holder

- Selectable According to Card Size
  - ISO Type : IDC80 / IPC80
  - Clamshell Type : IDC170 / IPC170
- Available in Horizontal and Vertical Type
- Dimension - Horizontal : 86W x 56H (mm)
  - Vertical : 54W x 86H (mm)

▶▶ PIR100 | PIR Sensor

- Infrared Heat Sensor
- Installed on the Exiting Side of the Door to Open the Door Automatically when user Approached the Door.
- Sensor Type : Infrared (Radiant Heat)
- Sensor Range :
  - Solid : 11m x 10m   - Plane : 16m x 1.3m
- Height : 1.5m ~ 2.5m
- Alarm Output : NC / NO (Selectable)
- Interface Capacity : DC28V / Max. 0.1A
- Input Voltage : DC9.5V ~ 18V
- Current : 18mA (DC12V)
- Operating Temperature : -10° ~ +50°C (+14°F ~ +122°F)