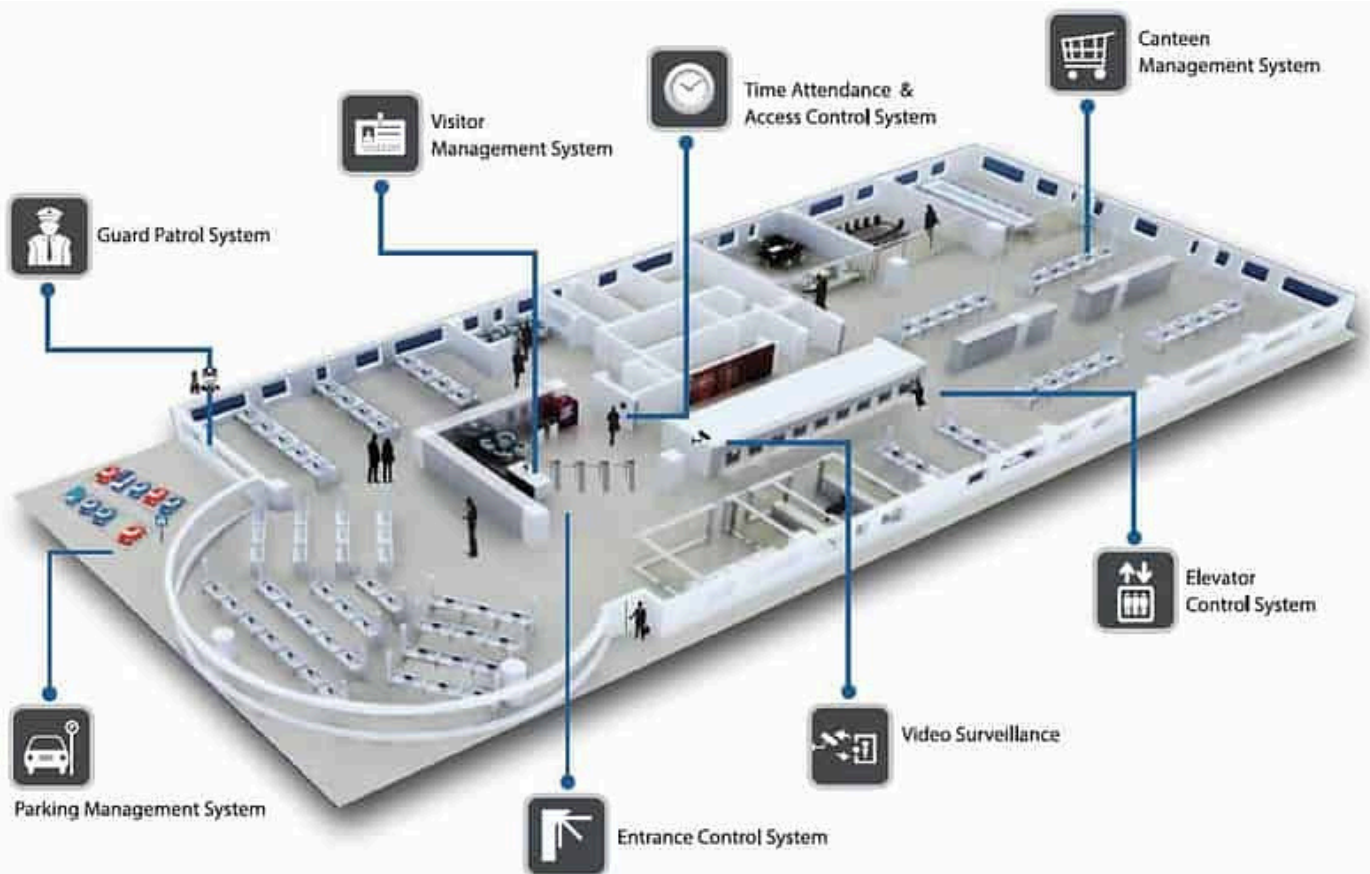


PRODUCT CATALOGUE 2024 - 2025



APRILENT SYSTEMS PRIVATE LIMITED

**We at Aprilent Systems Pvt. Ltd. represent
eSSL Security as an Authorised Distributor.**



Authorized Distributor Certificate

THIS CERTIFIES THAT

APRILENT SYSTEMS PRIVATE LIMITED

is an authorised distributor of

Enterprise Software Solutions Lab Pvt. Ltd. (eSSL)

Territory : Bhubaneswar | State : Odisha

This certificate is valid from 1st - April - 2024 to 31st - March - 2025



Shashikala
Regional Sales Manager

1st - April - 2024

Date Issued

Disclaimer :

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- **Biometric**

Time & Attendance
Canteen Management
Guard Patrol System

- **Entrance Control**

Turnstiles
Flap Barrier
Parking Barrier
Swing Barrier

- **Inspection Product**

Metal Detector-DFMD &
HHMD Baggage Scanner

- **Access Controller**

Multi Door Controller
Elevator Controller
Visitor Management

- **Smart Lock**

Fingerprint Lock
Hotel Lock
Face Lock
EM Lock & Brackets

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Standalone Fingerprint Time Attendance & Access Control System

K21 Pro

Fingerprints Capacity : 800 | Card Capacity : 800
 Transaction Storage : 80,000
 Push Data : Yes
 Fingerprint sensor : 500 DPI Optical Sensor
 LED Indicator : Green/Red
 Schedule Bell/Speaker : Mini Speaker
 Communication : RS232, RS485, TCP/IP, USB
 Standard Features : Self Service Query, SSR Recorder,
 Automatic Status Switch, DST, T9 Input



K21 Pro

K30

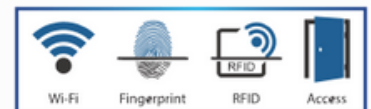
User Capacity: 2000
 Fingerprints Capacity: 2000
 Card Capacity: 2000
 Transaction Storage: 100000
 Push Data: Yes
 Card Reader: Yes
 LED Indicator: Green/Red
 Schedule Bell/Speaker: Mini Speaker
 Communication: TCP/IP, USB-host
 Standard Features: Inbuilt Battery Backup,
 Self Service Query Status Switch, DST, T9 Input



K30 Pro with WiFi

F22 WiFi

Display : 2.4-inch TFT LCD Color Screen
 Fingerprint Capacity : 3,000
 Card Capacity : 5,000
 Transaction Capacity : 30,000
 Sensor : SilkID Sensor
 Communication : RS232/485, TCP/IP, USB-host, Wi-Fi
 Access Control Interface : 3rd Party Electric Lock,
 Door Sensor, Exit Button, Alarm
 Wiegand Signal : Input, Output
 Aux. Input : 1ea for linkage function
 Functions : DST, Automatic Status Switch,
 Record query, T9 input, 14 digit user ID,
 Anti-passback, Scheduled-Bell
 Dimension(LxWxH) : 158.5x78.0x19.4mm



F22

Standalone Fingerprint Time Attendance & Access Control System

SF100

Users : 1,500 Fingerprints
 Card Capacity : 5,000
 Transaction Storage : 80,000
 Communication : USB-host , TCP/ IP, RS 485
 Wiegand : In & Out
 Fingerprint Sensor : 500 DPI Optical Sensor
 FAR : $\leq 0.0001\%$ | FRR : $\leq 1\%$
 Identification speed : ≤ 1 sec
 Relay : 12V | Support Fire Alarm : NO
 Door Sensor : NO | Anti Passback: NO
 Schedule Bell/Speaker : Mini Speaker
 Algorithm Ver : VX 10.0 | Support exit readers : KR500 , EM Locks,
 Door Sensors, Alarm, Door Bell, Exit Button



SF100

E9C Wi-Fi

User Capacity : 10,000
 Fingerprint Capacity : 3,000 | Card Capacity :
 10,000 Transactions Capacity : 1,00,000
 Display : 2.8" Color TFT | Push Data : Standard
 Communication : USB-host , TCP/IP, Wi-Fi
 Standard Features : DLST, Automatic
 Status Switch, Self Service Query
 Power Supply : 5V DC, 2 A
 Operating Temperature : 0°C ~ 45°C
 Support Fire Alarm : NO | Door Sensor : NO
 Anti Passback : NO | Door Bell : NO



E9C Wi-fi

F18

Fingerprints Capacity : 3000
 Card Capacity : 3,000
 Transaction Capacity : 30,000
 CPU : 32 bit High End Microprocessor
 Fingerprint sensor : 500 DPI Optical sensor
 FAR : $\leq 0.0001\%$ | FRR : $\leq 1\%$
 Identification speed : ≤ 0.5 sec
 Algorithm Ver : 9/10 | Display : 2.8" color TFT
 Keypad : Yes | LED Indicator : Green/Red
 Schedule Bell/Speaker : Mini Speaker
 Communication : TCP/IP, USB host
 Push data : Standard



F18

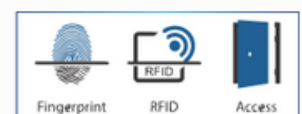
KR500



OR



F12
 Fingerprint
 Exit Sensor (RS485)



Standalone Fingerprint Time Attendance & Access Control System

X990

Fingerprints Capacity : 10,000
 Card Capacity : 10,000
 Transactions Capacity : 1,00,000
 Card reader : Inbuilt proximity card reader
 (optional Mifare, HID prox)
 CPU : 800 Mhz - 32bit Microprocessor
 Fingerprint Sensor : 500 DPI Optical Sensor
 FAR : $\leq 0.0001\%$ | FRR : $\leq 1\%$
 Identification speed : < 0.5 sec
 Communication : TCP/IP, USB,
 (Optional : Wi , GPRS, GPRS+ GPS)



Iclock 990

User Capacity : 40,000
 Fingerprint Capacity : 40,000
 Card Capacity : 40,000
 Transactions Capacity : 8,00,000
 CPU : 32 bit Microprocessor
 Fingerprint Sensor : 500 DPI Optical Sensor
 FAR : $\leq 0.0001\%$ | FRR : $\leq 1\%$
 Identification speed : < 1 sec
 Display : 3.5" Color TFT
 Communication : TCP/IP, USB,
 (Optional : Wi , GPRS, Camera)



MB20

User Capacity : 1,000
 Finger Capacity : 500
 Face Capacity : 200
 Transaction Capacity : 50,000
 Communication: TCP/IP, USB 2.0 (Host)
 Push Data : Yes
 LCD: 2.8" Color LCD
 Sound: Stereo Speaker
 Operating Temp.: 0 °C- 45 °C
 Operating Humidity: 20% - 80%



Multi-Biometric Time Attendance & Access Control System

MB 160

Face Capacity : 1,000
 Fingerprint Capacity : 2,000
 ID card Capacity : 2,000
 Transaction Capacity : 1,00,000
 Push Data : Yes
 Display : 2.8-inch TFT Screen
 Communication : TCP/IP, USB-Host
 Battery Optional



MB 160



Silk Bio 101TC

Face Capacity : 2,000 | Fingerprint Capacity : 3,000
 ID Card Capacity : 3,000
 Transaction Capacity : 1,00,000
 Push Data : Yes
 Display : 2.8-inch TFT Screen
 Communication : TCP/IP, USB-Host, Wi-Fi(Optional)
 Standard Functions : Work Code, SMS, DST,
 Scheduled-bell, Self-Service Query,
 Automatic Status Switch Photo ID, T9 Input
 Camera, 9 digit user ID, Built-in Battery,
 Multiple Verify Mode, External Bell



Silk Bio 101TC



uFace 302

Face capacity : 3,000
 Fingerprints Capacity : 4,000
 ID Card Capacity : 10,000
 Transaction Capacity : 1,00,000
 Push Data : Yes
 Communication : TCP/IP,
 RS232/485, USB Host, WiFi, 3G
 Display : 4.3-Inch Touch Screen



uFace 302



Multi-Biometric Time Attendance & Access Control System

eFace-990

Fingerprints : 10,000(1:N)
 Faces : 6,000(1:N) 10,000(1:1)
 Cards : 10,000
 Transactions : 1,000,000
 Push Data : Yes
 Communication : TCP/IP, USB-host
 Optional Functions
 Mifare Card Reader
 Wi-Fi / 3G External Printer
 Battery (2,000 mAH)
 POE(Standard IEEE 802.3at)



eFace-990



STANDALONE RFID TIME ATTENDANCE & ACCESS CONTROL SYSTEM

S990

Card Storage : 30,000
 Transaction Capacity : 1,00,000
 Card reader : Yes
 CPU : 32 bit Microprocessor – 800Mhz
 FAR : <=0.0001% / FRR : <=1%
 Identification speed : < 1 sec
 Algorithm Ver : N/A
 Display : 2.8" TFT
 Keypad : 4x4 with 5 Function Keys
 Schedule Bell/Speaker : Mini Speaker



Proximity T&A System with Access Control

SC 403 ID

Users: 30,000 Cards
 Transactions: 50,000 Logs
 CPU: 32bit Microprocessor
 Read range: 8 - 10 cms
 Identification Speed: <=1 Sec
 Communication: RS232, RS485, TCP/IP,
 USB-HOST 2.0 Port
 Power: 12V DC , 400mA

Optional Features:

ID/Mifare/HID Proximity Anti-passback



Multi-Biometric Time Attendance & Access Control System

AiFace- Mercury

Display : 2.8-inch Touch Screen
 Face Capacity : 800 | User Capacity : 800
 Transactions : 150,000

Standard Functions

ADMS, T9 Input, DST, Camera, 9-digit User ID, Work Code, Self-service Query, Schedule Bell, Automatic Status Switch
 Communication : WIFI
 Working Temperature : -10 °C- 45 °C
 Dimensios : (W*H*D) 100*100.2*23.7mm



AiFace- Mercury

AiFace-Uranus

Max User (1:N) : 500 | Max Fingerprint (1:N) : 2000
 Max Face (1:N) : 500 | Max Record : 50,000
 TCP/IP : 10M/100M

Standard : Automatic Status Switch, Self-Service Query, DST, T9 Input
 9 Digit User ID, Scheduled Bell, Photo ID
 Lock, sensor, Exit button

Optional : 125kHz EM / 13.56MHz MIFARE
 USB : USB 2.0 (Host) | Relay : 1 Relay
 LCD : 2.8" Color LCD | Sound : Stereo speaker
 Power : DC 5V 0.8A
 Dimensions(W x H x D mm) : 167.9 x 151.5 x 30

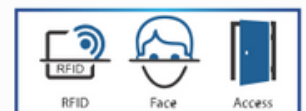


AiFace-Uranus

AiFace-Neptune

Face Capacity : 500
 User Capacity : 1,000
 Card Capacity : 1,000 (Optional)
 Transactions : 150,000

Communication : TCP/IP, Wi-Fi & battery (Optional), USB Host
 Display : 4.3-inch Touch Screen
 Standard Functions : Work Code, DST, Self-service Query, Automatic Status Switch, T9 Input,
 Access Control Interface : 3rd Party Electric
 Lock, Door Sensor, Exit Button
 Supported Software : eTimeTracklite



Neptune

Multi-Biometric Time Attendance & Access Control System

AiFace-Pluto

Display : 4" touch screen

Face Capacity : 1,000 \ Card Capacity : 1,000

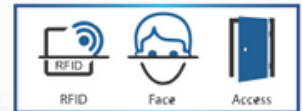
Transactions : 150,000

Standard Functions

ID Card, ADMS, T9 Input, DST, Camera,
 9 digit user ID, Access Levels, Groups, Holidays,
 Anti-passback, Record Query, Tamper Switch
 Alarm, Multiple Verify Modes
 Communication : TCP/IP, WIFI,
 Wiegand input/output, RS485
 Dimensios : 72.94 * 157.94 * 23 (mm)



AiFace-Pluto



AiFace - Mars

Display : 5-inch Touch Screen

Face Capacity : 3,000

Card Capacity : 3,000

Transactions : 150,000

Standard Functions

ID Card, ADMS, T9 Input, DST, Camera,
 9 digit user ID, Access Levels, Groups, Holidays,
 Anti-passback, Record Query, Tamper Switch
 Alarm, Multiple Verify Modes
 Communication : TCP/IP, WIFI(Optional),
 Wiegand input/output, RS485
 Dimensios : (W*H*D) 91.93*202.93*21.5mm



AiFace - Mars



AiFace Venus

Display : 5-inch Touch Screen

Face Capacity : 6000 \ Card Capacity : 10,000

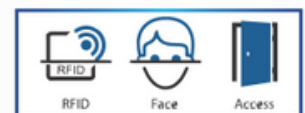
Transactions : 200,000

Standard Functions

ID Card, ADMS, T9 Input, DST, Camera,
 9 digit user ID, Access Levels, Groups, Holidays,
 Anti-passback, Record Query, Tamper Switch
 Alarm, Multiple Verify Modes
 Communication : TCP/IP, WiFi (Optional),
 Wiegand input / output, RS485
 Dimensios : 100*203.3*24.5mm



AiFace Venus



Multi-Biometric Time Attendance & Access Control System

AiFace-Jupiter

Display : 5-inch Touch Screen
 Face Capacity : 6,000
 Fingerprint Capacity : 6,000 (Standard); 10,000 (Optional)
 Card Capacity : 10,000 | Transactions : 200,000
 Operation System : Linux
 Standard Functions
 ID Card, ADMS, T9 Input, DST, Camera,
 9-digit User ID, Access levels, Groups,
 Anti- passback,
 Record Query, Tamper
 Switch Alarm, Multiple Verify Modes.
 Hardware : 900MHz Dual Core CPU, Memory
 512MB RAM / 8G Flash, 2MP WDR Low Light
 Camera, Adjustable Light Brightness LED



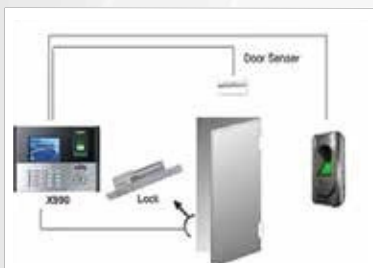
AiFace-Jupiter

Fingerprint Exit Reader



FR1200

Sensor : Optical Sensor
 Communication : RS 485
 Optional Features : Prox / Mifare / HID card reader
 Voice Prompt : Buzzer
 Operating Humidity : 20% - 80%
 Dimension : 48 mm x 100 mm X 37 mm



Standalone Access Control



JS-32E (Proximity)

Wiegand 26 input and output
 Capacity : 2000users, button keypad
 Plastic case, indoor used
 Access Way : Pin, Card, Pin+Card
 Card type : EM
 Working voltage : DC12V+10%
 Reading Range : 3-6cm
 Humidity : 10% to 90% RH
 Door Opening Time : 0-99s (Adjustable)
 Static electricity : < 30mA

Infrared Thermometer Access Control With X990

ThermoAccess-9

Display : Infrared LED | Accurate : $\pm 0.20^{\circ}\text{C}$
 Measuring time : $< 0.5\text{s}$ | Working voltage : $5\text{V} \sim 12\text{V}$ input
 Operating temperature : $50^{\circ}\text{C} \sim 320^{\circ}\text{C}$ | Read range : $5 \sim 10\text{cm}$
 Temp measurement range : $350^{\circ}\text{C} \sim 429.90^{\circ}\text{C}$
 Wiegand input/output : Yes | Installation : Wall mounted
 Internal relay : Yes | Alarm : Yes (external available)



eSSL-SP-2 Thermal Printer

Interfaces : Serial(RS232)
 Printing Method : Thermal Line Printing
 Paper Width : 58mm (2 inch) | Paper Thickness : 55 to 75 GSM
 Printer speed : 70mm/Sec | Printer core life : 75 Kms
 Print commands : ESC | Resolution : 8dots/mm (203dpi)
 Print Commands : ESC/POS Compatible Command Set
 Data Buffer : 4K Bytes



Fingerprint Guard Patrol

GP-Finger-101

Storage Capacity : 60,000 pieces
 Alarm Clock : 200 groups
 Fingerprint Record : 200 groups
 Battery : 3.7V lithium rechargeable battery
 Bluetooth Card : Less than 10 meters.
 Communication : USB 2.0, no need drive
 Operating Temperature : -40°C to $+85^{\circ}\text{C}$



Wall Mount RFID Tag
 Guard Patrol

Canteen Management System

LP-400

Templates : 3000 | Transactions : 1,00,000
 CPU : 32bit Microprocessor 400MHz
 Memory : 32M RAM, 256M Flash
 Communication Port : Ethernet , USB-host
 Fingerprint Sensor : Optical Sensor
 FRR : $\leq 1\%$ | FAR : $\leq 0.0001\%$ | Printer : Thermal
 LCD : 3 inch TFT Screen | LED Indicator : Red and Green
 Power : 12V DC, 3A



Stainless Steel NO Touch



NO Touch - SQ - 7 - K2

Dimension : 86 x 86 X 28 mm

Weight : 100 grm

Input : DC12V

the light will turn to green

when active sensitive distance

is adjustable from 1-15cm



No Touch-RC-7-K1

Dimension : 115 x 70 mm

Weight : 100 grm

Input : DC12V

the light will turn to green

when active sensitive distance

is adjustable from 1-15cm

Stainless Steel Button



Push-7- SQ

Dimension(in mm) : 86 x 86 mm

Weight : 0.1kg

Current : 3A@36VDC Max

Standard Structure:Stainless Steel Panel,

Steel Button Output Contact : NO/COM

Panel Material : 304 Stainless Steel,

Wire Drawing Finished Contact : NO/COM

Operating Temperature :10 °C - 55 °C (14-131F)



Push-7-RC

Dimension (in mm) : 92 X 29 mm

Weight : 0.09kg | Current :3A@36VDC Max

Standard Structure : Stainless Steel Panel, Steel

Button Output Contact : NO/COM

Panel Material : 304 Stainless Steel

Wire Drawing Finished Contact : NO/COM

Operating Temperature : 10 °C -55 °C (14-131F)



KR 500-
E/M
(wiegand)



KR503E/
M (RS
485)



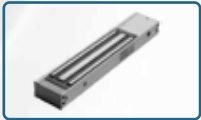










FR1500



JS-500E/M



FR1200
(FP + RFID) RS485 Reader

EM-Lock	Bracket	Drop Bolt Lock	Strick Door Lock
Single Door EM Lock 	ZL-Bracket 	Wooden Door Lock 	STRL50-2 
Auto Feedback EM Lock 	L-Bracket 	Glass Door Lock 	STRL-240 
Double Door EM Lock 	U-Bracket 	Bracket For Glass-Door 	



8-MRC-80



MIFARE
reader/
Writer
with SDK



Thin Card
ISO Format : 125KHz



Thick Card
ISO Format : 125KHz

Multidoor Access Controller System



C3 400 : 4 Door

Card Capacity : 30,000
 Log Events Capacity : 1,00,000
 CPU : 32bit 400 MHz | RAM : 32MB
 Flash Memory : 128 MB
 Communication : RS485, TCP/IP, WiFi Optional
 Numbers of readers supported : 8
 (8 RS-485 Reader or 4 - wiegand reader 26 bit)
 Number of inputs : 12
 (4 Exit Device, 4 Door Sensor, 4 AUX)
 Number of Outputs : 8
 (4-Form C Relay for Lock and
 4-Form C Relay for Aux Output)
 SDK Available | Anti-passback function
 Interlock function | Linkage function

Features

- 256 time Zones, 256 access levels
- Multi-Card Opening function :
Required 2-5 cards to open the door
- Remote door opening and closing
- 4 auxiliary input can be connected to infrared body detectors, Fire Panel/smoke detectors etc.
- 4 auxiliary output can be connected to alarms/siron, Light indicator, door bells etc.
- Data is preserved if power is lost, Controller continues to operate if data connection is interrupted
- Alarms and Events Noti cations through Email
- Supports Video Integration & Visitor Management Module using Web Application
- Supports all major brands camera
- No Global Antipass back & Global Interlock & Global Linkage

Advanced Multidoor Access Controller System



C3 400 Pro

Card Capacity : 1,00,000
 Log Events Capacity : 1,00,000
 CPU : 32 bit 1.2GHz
 RAM : 128MB
 Flash Memory : 256 MB
 Push Data : Yes
 Communication : RS485, TCP/IP, WiFi (Optional)
 Numbers of readers supported : 8
 (8 RS-485 Reader or 4 - wiegand reader 26 bit)
 Number of inputs : 12
 (4 Exit Device, 4 Door Sensor, 4 AUX)
 Number of Outputs : 8
 (4-Form C Relay for Lock and
 4-Form C Relay for Aux Output)

Features

- 256 Time Zones, 256 Access Levels
- Data is preserved if power is lost, Controller continues to operate if data connection is interrupted
- **Advanced Function :- Global Anti Passback**
- **Global Interlock**
- **Global Linkage**
- Who is inside :- Can track last position of Employee
- Multi-Card Opening function : Required 2-5 cards to open the door
- Duress Password Entry, and Auxilary input/output
- Linkages are inbuilt into controller rmware
- Alarms and Events Noti cations through Email
- Supports Video Integration & Visitor Management Module
- Supports all major brands camera

Multidoor Access Controller System

InBio 460

Card Capacity : 30,000
 Fingerprint Capacity : 3,000 (20,000 Optional)
 Log Events Capacity : 1,00,000
 CPU : 32bit 400 MHz
 RAM : 32MB
 Flash Memory : 128 MB
 Communication : RS485, TCP/IP, WiFi
 (Optional) Numbers of readers supported : 8
 (8 RS-485 Reader / 4 wiegand reader)
 Types of readers supported : 26-bit Wiegand
 (others upon request) , RS- 485
 Number of Inputs : 12
 (4 Exit Device, 4 Door Status, 4 AUX)
 Number of Outputs : 8
 (4-Form C Relay for Lock and
 4-Form C Relay for Aux Output)
 SDK Available

Features

- 256 time Zones, 256 access levels
- Anti-passback, Interlock & Linkage function
- Multi-Person Opening function :
 Required 2-5 Person to open the door
- Remote door opening and closing
- 4 auxiliary input can be connected to infrared body detectors, Fire Panel/smoke detectors etc.
- 4 auxiliary output can be connected to alarms/siron, Light indicator, door bells etc.
- Data is preserved if power is lost, Controller continues to operate if data connection is interrupted
- Alarms and Events Noti cations through Email using Web Application - Supports Video Integration & Visitor Management Module using Web Application
- No Global Antipass back & Global Interlock & Global Linkage

Software

- Web : eSSL BioSecurity V5000
- Desktop : eSSL Access 3.5
- Mobile app : To open & close door remotely (If using Bio Security Web Application)

FR1300



F12



InBio 460 : 4 Door

KR 500-
E/M
(wiegand)



KR503E/
M (RS
485)



Advanced Multidoor Access Controller System

InBio 460 Pro

Fingerprint Capacity : 20,000
 Card Capacity : 60,000
 Log Events Capacity : 1,00,000
 Push Data : Yes
 CPU : 32 bit 1.2GHz
 RAM : 128 MB
 Flash Memory : 256 MB
 Communication : TCP/IP and RS-485, WiFi Optional
 Types of readers supported : 26-bit Wiegand & RS485 FR Series Reader
 Numbers of readers supported : 8
 (8 RS-485 Reader or 4 26-bit wiegand reader)
 Number of Inputs : 12
 (4 Exit Device, 4 Door Status, 4 AUX)
 Number of Outputs : 8
 (4-Form C Relay or Lock & 4-Form C Relay for Aux Output)

Features

- 256 Time Zones, 256 Access Levels
- Embedded Fingerprint verification & advance access control function
- Data is preserved if power is lost, Controller continues to operate if data connection is interrupted
- 4 auxiliary input can be connected to infrared body detectors, Fire Panel/smoke detectors etc.
- 4 auxiliary output can be connected to alarms/siren, light indicator, door bells etc.
- **Advanced Function :- Global Anti Passback**
- **Global Interlock / Global Linkage**
- Who is inside :- Can track last position of Employee
- Multi-Person Opening door : Required 2-5 cards to open the door
- Duress Password Entry and Auxiliary input/output
- Linkages are inbuilt into controller firmware
- Alarms and Events Notifications through Email
- Supports Video Integration & Visitor Management Module
- Supports all major brands Camera

Software

- Web : eSSL BioSecurity V5000
- Mobile app : To open & close door remotely

Access Controller



InBio 460 Pro

KR 500-
E/M
(wiegand)



KR503E/
M (RS
485)



Elevator Control System

EC10

Floor Button Control Relays : 10
 Fingerprint Capacity : 3,000
 Proximity Card Capacity : 30,000
 Event Capacity : 1,00,000
 Power Supply : 12V DC 2A
 Communication to computer : TCP/IP, RS485
 Communication to EX16 : RS485
 Number of supported EX16 boards : 3
 SDK Available



EC10

EX16

Floor Button Control Relay : 16
 Communication to EC10 : RS485
 RS485 address : Set by DIP switch
 Power Supply : 12V DC 1A

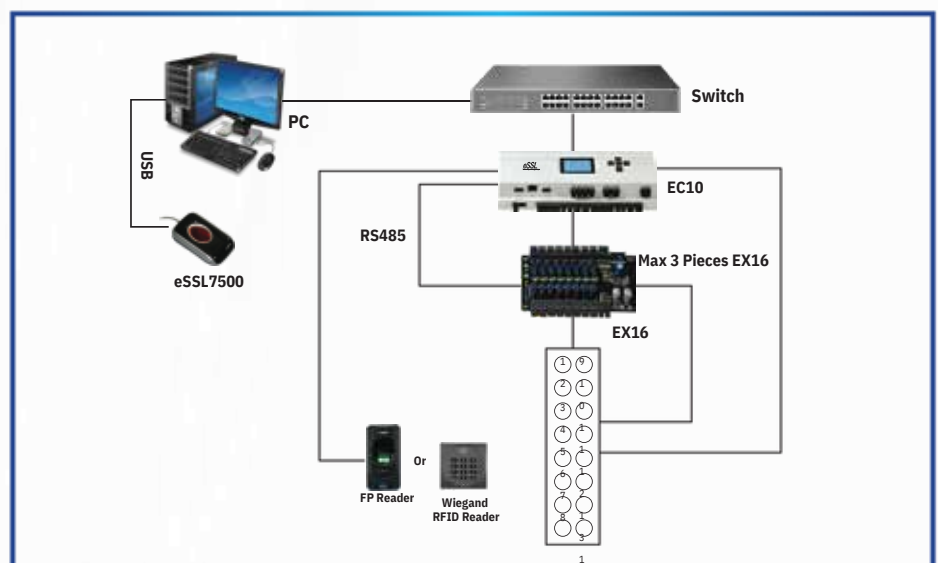


EX16

Features

- Alarms and Events Notifications through Email
- Supports Video Integration & Visitor Management Module -
- Support for all major brands camera

Connectivity Diagram



Extension Board to Control

10+16+16+16

Max doors supported 58 doors

Software

Web : BioSecurity 3.0

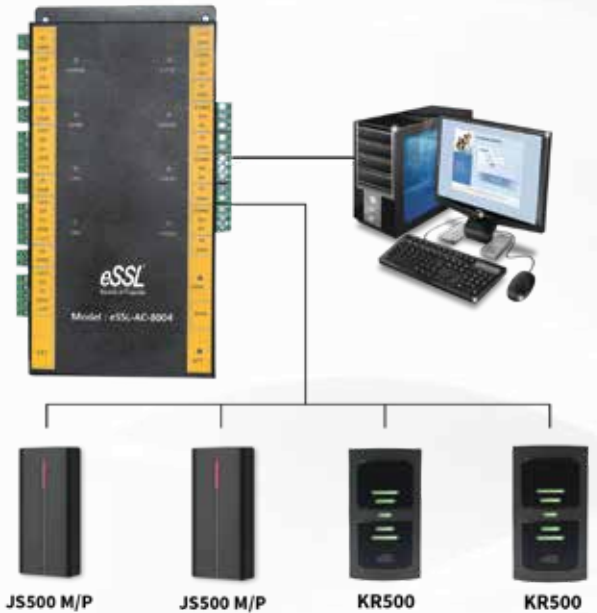


Multidoor Access Control - 2 Door eSSL-Access-8002

Card Capacity : 20,000
 Event buffer : 1,00,000
 Communication : TCP/IP 10M/100M adaptive
 Function Description : Control 2 doors, enter via cards swiping and exit via buttons, or both enter & exit via cards swiping
 PCB board size : 21.9 * 12.2 * 3.4cm
 Controller case size : 273*228*65mm
 Power supply : 12V DC 4-7A
 Power consumption of circuit board : < 200mA
 Reader input format : Wiegand 26/34
 Card Reader supported : 4 (2 In & 2 Out)
 Door control output : 4
 Operation Temperature : -40 °C - 70°C
 Operation Humidity : 10-90 % RH, No Condensation

Software and Database Supported :

New Access Controller Software Desktop
 Database Type:- MS Access / MS SQL



Multidoor Access Control - 4 Door eSSL-Access-8004

Card Capacity : 20,000
 Event buffer : 1,00,000
 Communication : TCP/IP 10M/100M adaptive
 Function Description : Control 4 doors, enter via cards swiping and exit via buttons
 PCB board size : 21.9 * 12.2 * 3.4cm
 Controller case size : 273*228*65mm
 Power supply : 12V DC 4-7A
 Power consumption of circuit board : < 200mA
 Reader input format : Wiegand 26/34
 Card Reader supported : 4
 Door control output : 4
 Delay time for unlocking : 1-600 seconds(adjustable)
 Operation Temperature : -40 °C - 70°C
 Operation Humidity : 10-90 % RH, No Condensation
 256 time Zones, 256 access levels
 Anti-passback function
 Interlock function
 Multi-Card Opening function, Remote door opening
 Real-Time monitoring via software

Software and Database Supported :

New Access Controller Software Desktop
 Database Type:- MS Access / MS SQL

Bio Security V5000 Access Controller System



Access Controller



**Video Linkage
 (All Major Brands)**



Elevator Controller



Mobile App



Visitor Management

All-In-One Solution

(Access Control, Video, Elevator and Visitor Management)

Door Management (Up to 2,000 on single / 8,000 doors Multi - Server)

Support Video Integration & Visitor Management

Supports Access Control Device:- C3, In-Bio Pull Device, In-Bio Pro, Pro Standalone devices

(Push Data Technology) & Elevator EC-10

C3 / InBio will not Support advanced functions Can Control Door Globally (Remote Location)

Data is preserved & Controller continues to operate if data connection is interrupted

Can Track Last Position of Visitor / Employee

Global Anti-Passback, Interlock and Linkage

Real Time Monitoring System

Alarms and Events Notifications through Email

Integrate and Ultimate protection for All



Data can be centralized in a single server for multiple locations

eSSL[®]
 Security at Fingertips

ET1000

Passage Width : =520mm
 Throughput rate : 35p/m
 Power Supply : 100 ~240V | Operational Voltage : 24V
 Max Power Consumption : 30 W
 Frequency : 50~60hz | Protection Level : >54
 Working Temperature : -25°C ~ +70°C
 Electro - magnetic Drive : DC
 Dimension Excluding Bar : 480x280x980 mm
 Net Weight Including Bar : 44kg | MCBF : 5,000,000cycles

Features

- Semi-Auto mode
- Full-Auto mode
- Pure Mechanical mode
- Single or Bi-directional function in mechanical and electrical versions -
- Automatic reset of barrier arms after each passage
- Adjustable time out delay
- Single passage in the set direction
- Bi-directional passage
- Free passage in the set direction
- Always free or locked

ET1000



ET1200

Passage Width : <520mm
 Throughput rate: 35p/m
 Power Supply : 100 -240V
 Operational Voltage: 24V
 Max Power Consumption : 30 W Frequency: 50-60hz
 Protection Level : IP 54
 Working Temperature: -25°C ~ +70°C
 Electro - magnetic Drive : DC
 Dimension Excluding Bar : 560x480x960 mm
 Net Weight Including Bar: 80kg | MCBF : 5,000,000cycles

Features

- Semi-Auto mode
- Pure Mechanical mode
- Automatic reset of barrier arms after each passage
- Adjustable time out delay
- Single passage in the set direction
- Bi-directional passage
- Drop arm feature
- Housing : stainless steel AISI 304 or AISI 316
- Barrier Arms : Stainless steel
- Single or Bi-directional function in mechanical & electrical versions

ET1200



ET2000

Passage Width : =550mm | Throughput rate : 35p/m
 Power Supply : 100 -240V | Operational Voltage : 24V
 Max tolerance of Arms : 80 Kg| Angle per rotation: 120°
 Operation Type : Oneway - Bidirectional
 Flow Rate : 25-48 passage /minute
 Input control signal : Dry contact | Max Power Consumption : 30 W
 Frequency : 50-60hz | Protection Level : IP 54
 Working Temperature: -25°C ~ +70°C | Electro - magnetic Drive : DC
 Dimension Excluding Bar : 1200x280x980 mm
 Net Weight Including Bar : 52kg
 Device Holder : Acrylic / SS304 (Optional) | MCBF: 5,000,000cycles

Features

- Opening Signal Input : yes
- Emergency Switch Input : yes
- Direction Indicator Output : yes
- Passing Indicator Output : Yes
- Drop Arm Electromagnet Output : Yes
- Material Housing : SUS 304
- Operating Mode: Single way bi directional
- Primary controller: Semi-automatic mode



Tripod Turnstile

DT2000

Product Size: 200*200*980mm
 Pass Width: <=550mm
 Thickness: SS 1.2mm
 Housing Material: Stainless Steel 304
 Arm Material: Stainless Steel Cylinder pole
 Pass rate: 20-25 Persons/minute
 Power Supply: 100-240V (AC)
 Operational Voltage: 24V (DC)
 Max Power Consumption: 35W
 Frequency: 50-60 Hz
 Working Temperature: -25 to +700
 Operating Modes: Bi-directional with Single passage
 Operating Time: 0.2 Seconds
 MCBF: 30,00,000cycles



Single Door

FHT-TL-139

Power Supply : 100V ~ 240V AC
Control Circuit : 24V DC
Net weight : 220 kg
Power Consumption : 30W
Section version : 120°
Operating Temper range : -25°C ~ +70°C
Protection level (IP) : ≥ 54
Humidity : 95%
Hydraulic Damper : Adjustable

Features

- Designed for secure operation wish aesthetics inland
- Corrosion protected S/S frame
- Minimal exposed hardware
- Heavy Gauge materials ASTM Standard
- Consists of rotor assembly, shield
- Assembly, barrier section, mechanism housing & ceiling plate
- The barrier can be set to delay closing in 1 ~ 60s after a valid card reading



FHT-TL-139

(No of arms : 3 arms)

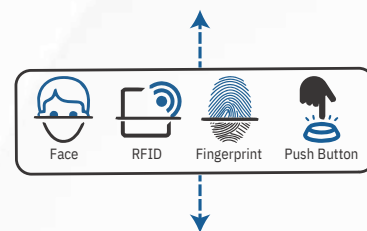
Model	Door	NO. of Arm	Section version	Rotational Direction
FHT-TL-139	Single	3	120	One Way Bi-Direction
FHT-TL-149	Single	4	90	One Way Bi-Direction

FHT-TL-149

Power Supply : 100V ~ 240V AC
Control Circuit : 24V DC
Power Consumption : 30W
Communication Interface : RS485 or TCP IP
Protection level (IP) : ≥ 54
Humidity : 95%
Hydraulic Damper : Adjustable
Net weight : 220 kg
Solenoid : 24V DC 100%
Throughout : 30 Person

Features

- Minimal exposed hardware
- Heavy Gauge materials ASTM Standard
- Consists of rotor assembly, shield
- Single passage in the set direction
- Bi-directional single passage
- Free passage in the direction
- Always free or locked



FHT-TL-149

(No of arms : 4 arms)

Double Door

FHT-TL-239

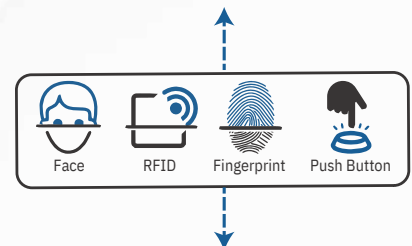
Frame : 304 Stainless steel
 Rotation Direction : A. Bi-Directional | B. Unidirectional
 Controller : Adopt micro-computer controller
 can be programmed according to customer needs
 Interface : Standard input and output interfaces can be
 used for other integration systems
 Signal Source : 1. Dry contact | 2. High-low-level signals
 Roller working Power : AC220V±10% | Environment : Indoor/Out door
 Power Supply : AC220V±10% , DC24V3A±10% , DC12V3A±10%
 Temperature : -30oC ~ 80oC
 Humidity : 5% to 90%
 Switching Time : 1s
 Traffic Speed : 25 person per Minute
 Fault Status : Power-safe and Giving a free exit/entry path
 Movement failure rate : 500 million trouble-free
 Frame Protection : Waterproof Seal | Card Reader Location : 4
 Optional Feature : IC/ID reader, Barcode Reader, other R/W equipment, UPS, Infrared detector



FHT-TL-239

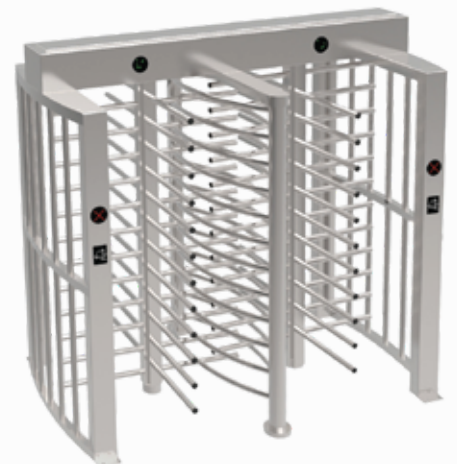
(No of arms : 3 arms)

Model	Door	NO. of Arm	Section version	Rotational Direction
FHT-TL-239	Double	3	120	Two Way Bi-Direction
FHT-TL-239	Double	4	90	Two Way Bi-Direction



FHT-TL-249 (Premium)

Frame : 304 Stainless steel
 Temperature : -30°C to 80°C
 Rotation Direction : A. Bi-Directional
 Signal Source : 1. Dry contact | 2. High-low-level signals
 Power Supply : AC220V±10% , DC24V3A±10% , DC12V, 3A±10%
 Environment : Indoor/Out door
 Traffic Speed : 25 person / Minute
 Optional Feature : IC/ID reader, Barcode Reader,
 other R/W equipment, UPS, Infrared detector
 Switching Time : 1s
 Fault Status : Power-safe and Giving a free exit/entry path
 Movement failure rate : 500 million trouble-free
 Frame Protection : Waterproof Seal
 Card Reader Location: 4
 Installation and maintenance portal : 1



FHT-TL-249

(No of arms : 4 arms)

FHT-TL-132

Material - SUS304 | Size - 1500*1450*2250mm
 Unlock time - 0.2s | Pass rate - 30p/m
 Pass width - 650mm | Input voltage - 100V~240V
 Driving voltage - 24V | Environment - -15~+55°C
 Power - 30W | Input signal - Dry contact

- Stable and reliable mechanical locking device, precise movement and turntable combination structure with special technology;
- With two-way traffic function, the brake lever steering is divided into two-way and one-way;
- With the function of power-off and opening, in case of emergency, the cross shaft rotation shaft is switched from locked to free passage mode, and pedestrians can pass quickly to meet the requirements of the free protection passage;
- After the pedestrian reads the valid card, if the system does not pass within the specified time, the system will automatically cancel the pedestrian's access permission;



FHT-TL-132

FHT-TL-232

Material - SUS304 | Size - 2200*1500*2200mm
 Unlock time - 0.2s | Pass rate - 30p/m
 Pass width - 650mm | Input voltage - 100V~240V
 Driving voltage - 24V | Environment - -15~+55°C
 Power - 30W | Input signal - Dry contact

- Stable and reliable mechanical locking device, precise movement and turntable combination structure with special technology;
- With two-way traffic function, the brake lever steering is divided into two-way and one-way;
- With the function of power-off and opening, in case of emergency, the cross shaft rotation shaft is switched from locked to free passage mode, and pedestrians can pass quickly to meet the requirements of the free protection passage;
- After the pedestrian reads the valid card, if the system does not pass within the specified time, the system will automatically cancel the pedestrian's access permission;



FHT-TL-232

Half-Height Turnstile

HHT-TL-139

Size : 1600*1400*1100mm
 Material : 1.2mm SS 304
 Pass Width : 600mm
 Passage direction : Single directional/Bi-directional
 Pass rate : 30-35 persons/minute
 Operating time : 0.2 seconds
 Power input : AC100-240V,50/60HZ
 Working voltage : 24V
 Working humidity : 30%~95%
 Working temperature : -400C~+700C
 Working environment : Indoor
 Communication interface : RS485, Dry contact
 MCBF: 50,00,000cycles
 Application : Factory, Museum park, Stadium, etc



HHT-TL-139

Flap Barrier

FB-Q-2000 & FB-Q-2200

Model: FB-Q-2000
 Dimension: 1410x340x1005mm
 Unlock time: 0.2s
 Passage width: ≤550mm
 Throughput rate: 20-25 persons/minute Power
 input: AC100-240V,50/60Hz
 Operational voltage: 24V
 Max power consumption: 30W
 Frequency 50~60 Hz
 Working humidity: 30%~95%
 Working temperature: -40C0~+70C0 Electro-
 magnetic drive: DC
 Communication interface: RS485, Dry contact
 Material: Thickness 1.2mm SUS304
 Infrared Sensor: 5 Pairs
 Net weight: 35Kg
 MCBF: 50,00,000cycles



FB-Q-2000 (L)

FB-Q-2200

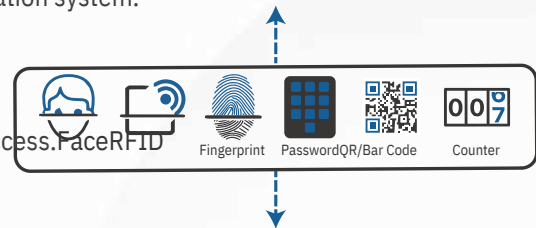
FB-Q-2000 (R)

FB-TL-119 & FB-TL-219

Passage width (Max) : ≤550mm
 Throughput rate : 35 p/m
 MCBF : 5million
 Power Supply : 100V ~ 240V AC
 Max Power Consumption : 30W
 Protection Level : IP 44
 Working Temperature : -25°C ~ +70°C
 Electro-magnetic Drive : DC
 Dimension excluding bars : 800x280x960mm
FB-TL-119-L
 New Weight (Including Bars) : 80kg Single Lane
 Motor Type : DC Motor
 MCBF: 50,00,000cycles

Features

- Use IC cards, ID cards, bar code or magnetic cards as automatic identification system.
- Display has been in use for statistics and numbers
- With voice and strobe light alerts
- A combination of infrared sensors and police anti-illegal entry into pedestrian access.
- Double anti-clipping function, photocell anti-clipping and mechanical anti-clipping
- The barrier can be set to delay closing in 1 ~ 60s after a valid card reading
- Single passage in the set direction | Bi-directional single passage
- Plastic toughened glass | Always free or locked



FB-TL-2000 & FB-TL-2200

Power Requirements : AC100~120V/200~240V,50/60Hz
 Working Temperature : -28°C ~ +60°C
 Working Humidity : 5%~80%
 Working Environment : Indoor/outdoor (if sheltered) RFID
 : Maximum 35/ minute
 Fingerprint : Maximum 25/ minute
 Face: Maximum 11/ minute
 Vein : Maximum 23/ minute
 Lane width(mm) : 550
 Input : Dry Contact
 Unlock Time : 0.2 sec
 Dimensions(mm) : L= 1200, W=280, H=980
 Net Weight(kg) : 100
 LED Indicator : Yes
 Barrier Material : Acrylic
 MCBF: 50,00,000cycles



SB - TL - 129

Passage Width (Max) : ≤ 450mm (Default)
 Throughput Rate : 35 P/M
 Power Supply : 100V ~ 240V AC | Operational Voltage : 24V DC
 Max Power Consumption : 30W
 Frequency : 50Hz ~ 60Hz | Protection Level (IP) : ≥ 54
 Working Temperature : -25°C ~ +70°C
 Electro-Magnetic Drive : DC
 Dimension Excluding Bars : 480 x 280 x 1050 mm
 New Weight (Including Bars) : 40kg | MCBF: 50,00,000cycles

Features

- Use IC cards, ID cards, bar code or magnetic cards as automatic identification system - Display has been in use for statistics and numbers
- With voice and strobe light alerts
- A combination of infrared sensors and police anti-illegal entry into pedestrian access - Double anti-clipping function, photocell anti-clipping & mechanical anti-clipping
- The barrier can be set to delay closing in 1 ~ 60s after a valid card reading
- Single passage in the set direction
- Bi-directional single passage
- Free passage in the direction
- Always free or locked



SB - TL - 129

SB -SPL-310

Product Size : 200*200*980mm
 Pass Width : 600mm (Optional : 900mm)
 Thickness : SS 1.2mm
 Housing Material : Stainless Steel 304
 Arm Material : Stainless Steel frame
 Pass rate : 20-25 Persons/minute
 Power Supply : 100-240V (AC)
 Operational Voltage : 24V (DC)
 Max Power Consumption : 35w
 Frequency : 50-60 Hz
 Working Temperature : -25 to +70°C
 Operating Modes : Bi-directional with Single passage
 Operating Time : 0.2 Seconds
 MCBF: 5,000,000cycles



SB -SPL-310



SB-Q-3000 & SB-Q-3200

Passage width (max) : 900 mm
 Throughput rate : 40 p/m
 Power supply : 220 ~ 240 V AC
 Operational voltage : 24 V DC
 Max power consumption : 50w
 Frequency : 50 ~ 60hz | Protection level : IP 54
 Working temperature : -25°C ~ +70°C Electro-magnetic drive : DC
 Dimension excluding bars in mm : 1400x185x1020
 Net weight including bars : 99 Kg (single door)
 124 Kg (double door) | MCBF: 50,00,000cycles



SB-Q-3000 (L)

SB-Q-3200

SB-Q-3000 (R)

Features

Use IC cards, ID cards, bar code or magnetic cards as automatic identification system.
 Display has been in use for statistics and numbers with voice and strobe light alerts
 A combination of infrared sensors and police anti-illegal entry into pedestrian access.
 Double anti-clipping function, photocell anti-clipping and mechanical anti-clipping

SB-ES-3012 & SB-ES-3012-2

Product Size: 1200*185*980mm
 Pass Width: 600mm
 Net Weight: 65kg
 Thickness: 1.0mm
 Material: 1.0mm SUS 304
 Operating Time: 0.2 Seconds
 Top cover Material: 1.2mm SUS304
 Arm Material: 10mm Transparent Acrylic
 Driver: Brushed Motor | Infrared Sensor: 4pairs
 Pass rate: 20-35p/m
 Power Supply: 100-240V(AC)
 Operational Voltage: 24V(DC)
 Max Power Consumption: 35W
 Frequency: 50-60hz
 Working Temperature: -25CO to +70CO
 MCBF: 50,00,000cycles



SB-ES-3012

SB-ES-3012-2

SB-ES-3012

BG100

Maximum length of Boom : 6M (3.8 to 6M telescopic)

Speci cation

Arm material : Aluminium
 Time for Up/down : 6 Meter 6 seconds
 Input control signal : Dry Contact
 Ingress protection Degree : IP54
 Input Interface optional : Photocell, Air switch & Loop detector
 Output interface optional : Lamp
 Optional Interface : Access control panel, Standalone Access Control, Control button (eg: X990)
 Remote Control Upto 25 meters
 Mode : Automatic/Manual
 Incorporated control panel with : 3 push buttons (stop/up/Down) to control the motor
 Bumping bounce back optional : Yes
 Auto closing time : 1 - 80s
 SMPS - Input : AC 220V / 110V, 50Hz / 60Hz
 Motor power : 90W, 220V AC
 Dimension(mm) : 268 X 348 X 1050
 Operating Temperature : -20oC ~ +50oC

BG108

Maximum length of Boom : 3m (Expandable upto 8m)
 Time for up/down : 8 Meter 8 seconds



BG100



BG108



BG-SC-300
(3m, 3sec)



BG-100 Grey

Maximum length of Boom : 6m
 Time for Up/down : 6s



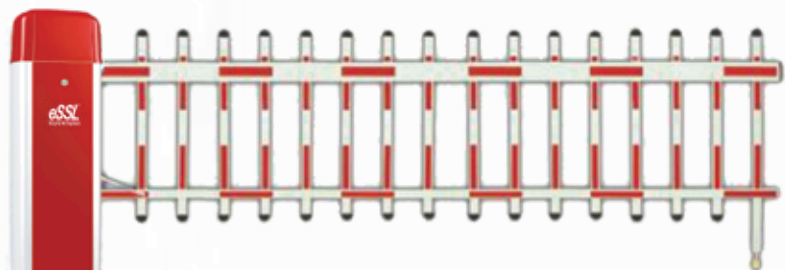
Accessories

Loop Detector **Photocell** **Remote** **Alarm Lamp**



BG100 TI
(with folding arm)

Maximum length of Boom : 5m (2.5 m +2.5rn)
 Time for Up/down : 6s



BG100 TII
(with fencing arm) (5m, 6sec)

New

BG100-BDC

Power Supply : 220V+10% 50/60Hz
 110V+10% 50/60Hz
 Motor Power : 36VDC 120W
 Max Length of Boom : 6M
 Time For Up/ Down : 1.5S(for 1-3M)
 3S(for 3-4M) / 6S(for 5-6M)
 Working Environmental : -350 ~+500C
 Protection class : IP55



BG100-BDC

36V DC Brushless Barrier

BGL-100

Maximum length of Boom : 5m
 Boom Rest Stand : Yes
 Arm material : Aluminium
 (with Red & Green LED indication)
 Time for Up/down : 6s
 Input control signal : Dry contact
 Ingress protection Degree : IP54
 Input Interface for : 1. Photocell 2. Air switch 3. Loop detector
 LED Indicator : Red / Green
 Optional Interface : Access control panel, Stand alone
 access control,Control button
 Remote control : Yes, upto 25 meters
 Mode : Automatic/Manual
 Incorporated control panel with 3
 push buttons (STOP/UP/Down) to control the motor
 Bumping bounce back : Optional

Power Supply

SMPS - Input : AC 220V / 110V, 50Hz / 60Hz
 Motor power : 90W, 240V AC
 Dimension(mm) : 268 X 348 X 1050
 operating temperature : -200C to +500C



BGL-100

Accessories

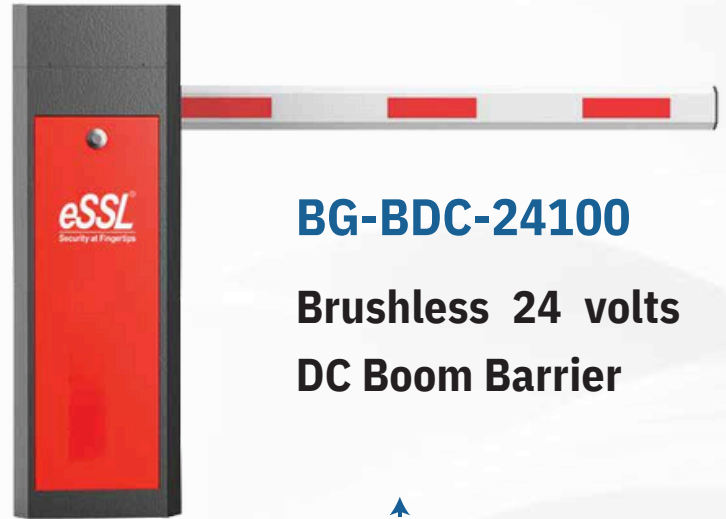


New

Boom Gate

BG-BDC-24100

Working voltage : 24VDC \pm 5% & 120W
 Working humidity : 10%/90% (non-condensing)
 Working temperature : -35°C~+70°C
 Protection class : IP54 | Windproof class: Class 6
 Noise : 59dB | Net weight: 33 \pm 5kg
 Anti-smashing function : support, coil anti-smashing,
 infrared anti-smashing, radar anti-smashing
 Remote control : support remote control remote
 switch, the maximum distance is 30m
 Support : rebound when encountering obstacles,
 technical mode, power-o hand crank
 Motor parameters : 2 million times
 Spring life : 1 million times



BG-BDC-24100

**Brushless 24 volts
 DC Boom Barrier**

Accessories



BG-100 Heavy Duty

Maximum length of Boom : 6m
 Boom Rest Stand: Yes
 Arm material : Aluminium
 Opening time for Up/down : 6s
 Input control signal : Dry contact
 Ingress protection Degree : IP54
 Input Interface for : 1. Photocell
 2. Air switch 3. Loop detector
 Output interface : lamp
 Optional Interface : Access control panel,
 Stand alone access control, Control button
 Remote control : Yes, upto 25 meters
 Mode : Automatic/Manual
 Incorporated control panel with 3 push
 buttons (STOP/UP/Down) to control the motor
 Bumping bounce back : Optional
 Auto closing time : 0-99sec
 SMPS - Input : AC 220V / 110V, 50Hz / 60Hz
 Motor power : 90W, 220V AC



eBS -5030A

Baggage Scanner



New

X-ray Baggage Scanner

eBS-5030A

Product Parameters

Noise level: $< 58 \text{ dB(A)}$
 Dimensions: $1500 \text{ mm (width)} * 770 \text{ mm (height)}$
 Weight: 220 Kg (uniform load)
 Power supply: 0.38 KW (1AX)
 System Power: $AC 220 \text{ V} * 50 \text{ Hz}$
 Height of belt: 650 mm
 Spatial resolution: horizontal/vertical 1.0 mm
 Package size: $1570 \text{ mm (L)} * 540 \text{ mm (W)} * 1270 \text{ mm (H)}$
X ray Generator

Control interface: analog interface

Anode voltage : 80 KV

Tube Current : 0.05 mA

Work period: 100h at no need to preheat

Cooling method: sealed oil cooling industrial fan cooling

Protection function: over voltage. over current. over temperature protection

Installation data

External dimensions : 1500 mm(L) * 770mm(W)* 1100mm(H)

eSSL-6040

New



X-ray Baggage Scanner

eSSL-6040

General Specification :

- Tunnel size : 600 (W) x 400 (H) mm
- Conveyor Speed : 0.22m/s
- Conveyor Max Load : 150 kg
- Single inspection Dosage : <1.02 Gy
- Leakage radiation : <0.1 Gy/h
- Wire Resolution : 40AWG(0.0787mm metal line)
- Steel Penetration : 40mm
- Film Safety : For ISO 1600

X-RAY GENERATOR

1. Orientation: Upward;
2. Tube Current: 0.4~1.25MA (adjustable);
3. Anode Voltage; 140-160KV;
4. X-ray divergence angle: 800;
5. Generator cooling/working periods; sealed oil bath with forced air/100%;
6. X-Ray Sensor : L- shaped array detector, 24bit;

Operating Environment

Storage Temperature: -200C to 600C
 Operating Temperature: 00C to 450C
 Relative Humidity: 20 to 95% non-condensing
 System Power: 220 VAC (+
 -10%) 50+-3HZ
 Power wastage : 1.0 KW (Max)
 Noise<60DB

D2401

Zones: Single

Vertical Dimension (in mm): 2157 x 812 x 349

Vertical Aisle Dimension (in mm): 2011 x 716 x 349

Packing Dimension (in mm): 2295 x 400 x 200

Net Weight: 25 kg

Gross Weight: 30 kg

Operating Voltage: AC90V ~ 240V 50/60Hz

Power Consumption: 12W

Operating Frequency Range: 1-50 Bands

Temperature: -20 °C ~ 65 °C

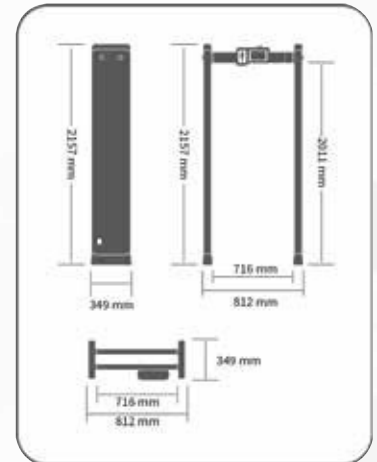
Installation Environment (in cm): (W)100 x (L)200

(metal-free minimum range) Sheet Transverse

Regional Detect Metal Precision Range Maximum

Sensitivity: ≥200g Metal

Each zone sensitivity: 0-255 adjustable



D2406

Zones : Six

Vertical Dimension (in mm): 2157 x 812 x 349

Vertical Aisle Dimension (in mm): 2011 x 716 x 349

Packing Dimension (in mm): 2295 x 400 x 200

Net Weight: 25 kg

Gross Weight: 30 kg

Operating Voltage: AC90V ~ 240V 50/60Hz

Power Consumption: 12W

Operating Frequency Range: 1-50 Bands

Temperature: -20 °C ~ 65 °C

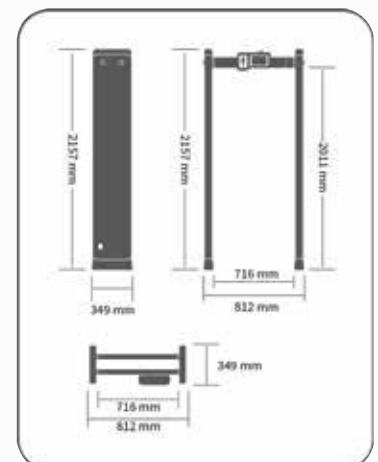
Installation Environment (in cm): (W)100 x (L)200

(metal-free minimum range) Sheet Transverse

Regional Detect Metal Precision Range Maximum

Sensitivity: ≥200g Metal

Each zone sensitivity: 0-255 adjustable



D9006, D9018 and D9033

Vertical dimension: 2230 x 920 x 440 mm
 Vertical aisle dimension: 2000 x 715 mm
 Net weight: 40 Kg Gross weight: 45 Kg
 Operating voltage: AC90V ~ 240V 50/60Hz
 Power consumption: 20 W
 Operating frequency range: 1-50 bands
 Working environmental temperature: -20° C ~ 65° C
 Installation environment (in cm): (W)100 x (L)200
 (Metal-free minimum range) Sheet transverse
 Regional detect metal precision range :
 Maximum sensitivity ≥ 30g metal

D9006

6 zone digital

D9018

18 zone digital

D9033

33 zone digital



D9006 / D9018 / D9033

Hand Held Metal Detector



D100S

Dimension : 401(L) X85(W) X45(H) mm
 Power Voltage : standard 9V battery
 Operating Voltage : 7V-9V
 Operating Current : <50mA
 Alarm terms : sound (vibration) and light alarm simultaneously
 Waterproof : IP31
 Alarm Sound : >75dB(A)
 Operation Frequency : 40KHz



HM-300

1. Pin 35—70mm;
2. Type 64 pistol 220—250mm ;
3. 6-inch dagger 200—240mm ;
4. Diameter 20mm steel ball 150mm;
5. One ₹ coin 100—130 mm;

eSSL-HG-1500

Power supply : 220V AC 50Hz / 110V
60Hz Motor power : 370W
eSSL-HG-1500 : 450W
Motor rotational speed : 1400r/min
Reduce ratio : 30:1
Max. door weight : 1200Kg
eSSL-HG-1500 : 1500Kg

Features

- Magnetic limit switch or Mechanical limit switch.
- Aluminium Gear Box
- Thermal protection at 125°C built in motor winding.
- In case of power failure, the gate can be opened and closed manually after release clutch
- Protection class IP55
- It can change Nylon gear to Copper gear.



eSSL-HG-1500

Rolling Shutter Motor

eSSL-RSM-15S -ZM

Power Supply : 220v 50Hz
Motor Power : 750W
Normal environment : -20°C ~ +50°C
lift height : 6m
Maximum output Torque : 100N m
Output aperture : 25.4 mm
Motor Speed : 22r/min | Scope of application : <25m²

eSSL-RSM-Controller

Power Supply : AC 380 50Hz
Max. Consumption : 10W
Accessories power supply : AC24V 0.4A max
operating temperature range : -20°C~+50°C
Frequency : 433MHz
Output aperture : 25.4 mm
Motor Speed : 22r/min
Scope of application : <25m²



eSSL-RSM-15S -ZM



eSSL-RSM-Controller

HB-426 (Hydraulic Bollard)

Power supply :- AC 220V
 System control :- Hydraulic and electric control
 Lift :- 700mm
 Diameter :- 273mm
 Time of UP/Down :- 4s/6s
 Thickness :- 8mm
 Material :- 304 stainless steel
 Max lift force :- 200Kg
 Material of base box :- Q235
 Caution sign :- LED/reflective tape
 Working environment :- -300C ~ 700C
 Protection class :- IP67
 Control mode (optional) :- remote control, manual, reading card, access control and loop Detector etc.
 Pressure bearing :- 80 tons container truck

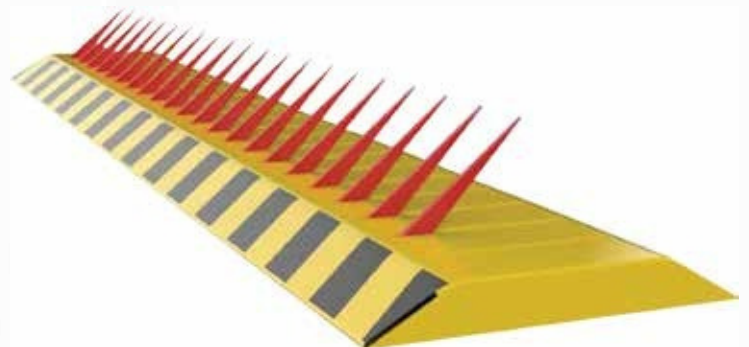


HB-426 (Hydraulic Bollard) /
 HBC-600 (control unit)

Tyre Killer

TK-600

Application range : Intersection safe protection in main area
 Material : A3 Steel
 Length : 6 Meters
 Width : 520mm
 Height : 70-90mm
 Max loading weight : 80T
 Spike Height : 150mm
 Spike Thickness : 10mm
 Drive mode : Electromechanical
 IP rate : IP67
 Surface treatment : Paint with reflective strip
 Color : Black and yellow
 Working Environment : -40°C ~ +70°C
 Control mode : Short range wireless remote control/drive-by-wire
 Control distance : ≤100M
 Remote control distance : within 50M
 Material thickness : 12mm



TK-600

UHF U5 / UHF U10

Communication Interface : Wiegand

34(Default) / Wiegand 26, USB

Frequency : 902Mhz~928Mhz, 865MHz~868MHz

Shell Material : Die-casting aluminum shell,

Antenna panel with engineering plastics

Voltage : 9~12V DC | Temperature : -20°C ~ 60°C

Interface Protocol : EPC global UHF | Class 1Gen 2/ISO 18000-6c

Working Mode : Always read/Trigger read | I/O : Interface Supports external trigger

Maximum power consumption : <3W (RF output 26dBm,multiple tags)

<2W (RF output 26dBm,Sigle tags)

UHF U5 - Dimension : 260 x 260 x 65(mm)

Reading Distance : Up to 5 meters (adjustable)

UHF U10 - Dimension : 445 x 445 x 70(mm)

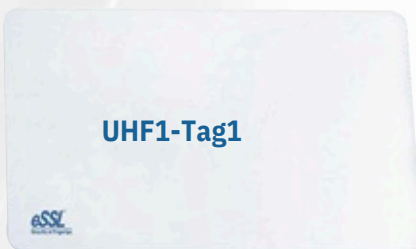
Reading Distance : Up to 10 meters (adjustable)

UHF RFID Reader



UHF U5 / UHF U10

Ultra High Frequency Tag



UHF1-Tag1

- High Safety
- High Reading Rate
- High Chip Sensitivity
- Flexible Storage Structure

Typical Applications

- Vehicle Management
- Highway (Bridge)
- Toll Collection Management

UHF1-Tag4

Working Frequency : 860~928MHz

Reading Distance : Up to 10 meters f

or UHF1-10E and UHF1-10F

(Determined by the environment and reader)

Protocol : ISO18000-6C

Memory Capacity : 800 bits

UHF1-Tag5

Model : UHF Waterproof Tag

Reading Distance : Stable 10m

(Using 10 series reader)

Frequency: 860MHz ~ 960MHz

Chip: The AZ 9654 H3

Interface Protocol : ISO18000-6C

Electronic Anti Theft System

EAS-AM-88 M&S

Frequency : 58KHz
 DR Label :150 ~ 180 Cm
 Frame Color : Gray
 Dimension : 1630 x 470 x 25mm
 Net / Gross weight : 26KG /29 Kg
 Operating Voltage : 110 ~ 220V
 Power Consumption : 200W max.
 Output : 24V 3A
 Work Rate of each Antenna : 25W
 Distance
 AM 200: ≤1.1m under the idle condition



AM Hard Tag 1



Mini Pencil
 Frequency:58KHz
 Dimension:
 46mmx13mm
 Color: Gray

EAM Detacher



Pencil Tag Detacher
 Dimension: Ø75mmx45mm
 Magnetic Force: ≥10000GS

AMDeactivator



AM Deactivator for AM Soft Tag

Part No. : Deactivator 1
 Color : Grey
 Weight : 3.5 Kg / Carton / Pc
 Frequency : 58 KHz
 Operating Voltage : AC (50-60hz) 110-220V
 PAD Dimension (in CM) : 23 x 19.4 x 5.5
 Hole Dimension (in CM) : 21 x 17
 Decoding Height (in CM) : 7 - 12

eSSL AM Soft label



TL400B

Material : Zinc Alloy

Fingerprint | Password capacity : 100

Card capacity : 100 | Card Module : ID

Wireless Module : BLE4.0

Battery : 4×AA Alkaline (NOT supplied)

Door Thickness : 35-50 mm (standard),
50-65 mm (optional)

Dimensions :

Front - 72(W)×310(L)×34(D) mm,

Back - 72(W)×310(L)×30(D) mm

Features

- Various access for your convenience -
fingerprint/password/card/key/smart phone
- Enhanced security by random password for code access
- Idle handle design to prevent from forcible entry



TL400B

TL200

Material : Zinc Alloy

Fingerprint Capacity : 100 | Password Capacity : 100

ID Card Capacity : 100 | Backset : 60 mm

Batteries : 8×AA Alkaline (NOT supplied),

Battery life : 6000 times (approx 6 Months)

Front : 75(W)×360(H)×36(D) mm

Back : 75(W)×360(H)×36(D) mm

Door Thickness : 35 - 90 mm

Color Type : Antique Copper/Dull Nickel/

Champagne Gold

Features

- New generation fingerprint recognition algorithm
- With sliding metal cover to protect fingerprint sensor and keypad
- Anti-theft mortise with one latch and two security deadbolts
- Idle handle design to prevent forcible entry



TL 200

FL-100

Main Body Material : Alum. Alloy
 Fingerprint Capacity : 100 | ID Card Capacity : 99
 Password Capacity : 30 | Bolt Material : SUS 304 +201
 Voice Guidance : Yes | Handing : Universal
 Fingerprint Sensor : semiconductor | Fingerprint Users (no) : 100
 Emergency Key Type : Single row of 6 beads
 Emergency Key (no) : 1 | Card Type : Like Mifare/14.7 Mhz+_0.3
 Card Users (No) : up to 99, box put 2
 Keypad Type : Touchpad
 Code Length : 8
 Pin Code (Users) : 5 master+15 user+10 temtery
 Working Voltage : 6V | Battery : 4 AA
 Working Temp :
 (Degree Celsius)minus 25 to 70 degreeen
 Emergency Power : Like 5 V Micro USB



FL-100

FL-200

Main Body Material : Alum. Alloy | Fingerprint Capacity : 100
 ID Card Capacity : 100 | Password Capacity : 100
 Bolt Material : SUS 304+201 | Voice Guidance : Yes
 Fingerprint Sensor : semiconductor
 Fingerprint Users (no) : all user 300 in total, depends on you
 Emergency Key Type : "Single row of 6 beads"
 Card Type : Like Mifare/14.7 Mhz+_0.3
 Card Users (No) : all user 300 in total, depends on you
 Keypad Type : Touchpad | Code Length : 8
 Pin Code (Users) : all user 300 in total, depends on you
 Working Voltage : 6V | Battery : 4 AA
 Working Temp (Degree Celsius) : minus 25 to 70 degreeen
 Emergency Power : Like 5 V Micro USB



FL-200

Handle Less Door Lock

FL-300

Main Body Material : Alum. Alloy
 Bolt Material : ZINC ALLOY
 Fingerprint Capacity : 100 | ID Card Capacity : 99
 Password Capacity : 30 | Voice Guidance : Yes
 Handling : Universal
 Fingerprint Sensor : semiconductor | Fingerprint Users (no) : 100
 Emergency Key Type : S-slot multi track
 Emergency Key (no) : 1 | Card Type : Like Mifare/14.7 Mhz+_0.3
 Card Users (No) : up to 99, box put 2
 Keypad Type : Touchpad | Code Length : 8
 Pin Code (Users) : 5 master+15 user+10 temtery
 Working Voltage : 6V | Battery : 4 AA
 Working Temp (Degree Celsius) : minus 25 to 70 degree
 Emergency Power : Like 5 V Micro USB



FL-300

Glass Door Lock

GL300

Model: Glass Door Intelligent Fingerprint Lock
 User Capacity : Fingerprint/Password/Card-100
 Operating Temperature : -25°C ~ 55°C
 Fit Door Thickness : <35mm (10-12mm)
 Security Protection:5 times Incorrect Password,
 System Locked 3 Minutes
 Battery : 4×AA Alkaline Battery
 Door Thickness : 10mm - 12mm
 Color Type : Black
 Scope of application : Glass Door, Wood
 Door, Metal Door, Single & Double open doors
 Dimensions(WxLxD) : 131mmx200mmx75mm



GL300

SAFE-101

Lock Type : Electronic lock + Override key
 Product size (H W D mm) : 250*350*250
 Body/Door (mm) : 2/4
 Volume : 15Ltr
 Finish : Black sand texture
 Locking bolts : ϕ 20mm 2 active bolt
 Shelving : 0
 Interior : Grey foam at bottom
 Accessory : 2 anchoring bolts+2 keys+4 AA batteries+lock instruction
 Packing : Polybag+corner foam protection+carton
 N.W kg : 10.9 | G.W kg : 12.2



SAFE101

SAFE201

Lock Type : Electronic lock + Override key
 Product size (H W D mm) : 420*350*330
 Body/Door (mm) : 2/4
 Volume : 35Ltr
 Finish : Black sand texture
 Locking bolts : ϕ 20mm 2 active bolt
 Shelving : 1
 Interior : Grey foam at bottom
 Accessory : 2 anchoring bolts+2 keys+4 AA batteries+lock instruction
 Packing : Polybag+corner foam protection+carton
 N.W kg : 16.9 | G.W kg : 18.5



SAFE201

Home Safe Lock

SAFE-301

Lock Type : Electronic lock + Override key Auto opening
 Product size (H W D mm) : 200*420*370
 Body/Door (mm) : 1.4/4
 Finish : Black texture
 Locking bolts : " ϕ 20mm 2 active bolt
 Shelving : 0
 Interior : Grey carpet at bottom
 Accessory : 2 anchoring bolts+2 keys+4 AA batteries+lock instruction
 Packing : Polybag+corner foam protection+carton
 N.W kg : 9 | G.W kg : 9.5



SAFE-301

Hotel Lock

HL-100

Power : 4 x 1.5V AA alkaline batteries

Battery Location : Inside of the back lock

Material : Handles - Stainless steel quality SUS304

Lock Body : Stainless steel quality SUS304

Metal Finishes : Silver, Gold, Matte Black

Emergency Opening Options : Emergency Opening with Mechanical cylinder

RFID Specifications:

- 13.56MHz technology
- Compatible with the following standard : ISO 14443 A (MIFARE Classic)
- Eleven free sectors for future All-in-one card application use



HL-100
 Hotel Door Lock

Accessories



RW-69 HL-100
 Hotel lock Encoder

Card Type : Mifare Card S50 &

S70 Frequency : 13.56 Mhz

Interface : USB

Working Voltage : DC5V (±4%)

Static Current : 65 mA

Working Current : 80 mA



Energy Saving Switch

Card Type : Mifare Card Only

Working Voltage : AC220V, AC110V

Load Working Current : 30 A

Power Consumption : 22 W

Static Current : 100 mA

Delay Time : 20 seconds



Mifare- S50 / S70

Dimension : 2.127 x 3.375 x 0.033

Max (5.40 x 8.57 x 0.084 cm)

ISO Standard :

ISO/IEC 14443-3 Type A

Capacity : 4K bytes

Resonance Frequency : 13.56

MHz Sensing Distance : 30 ~

50mm

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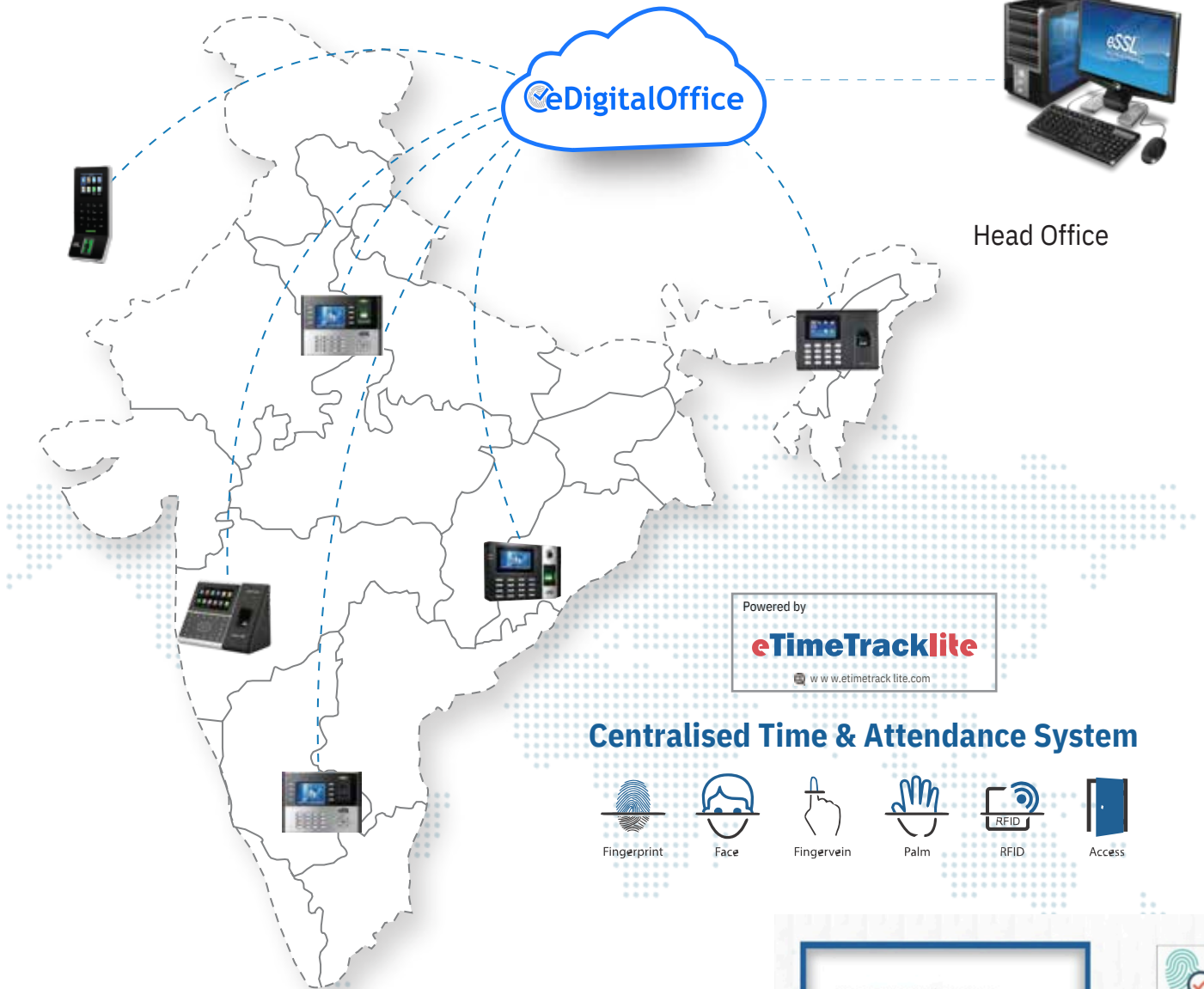


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The Registrar of Cooperative Societies
Department of Cooperation, Government of Odisha

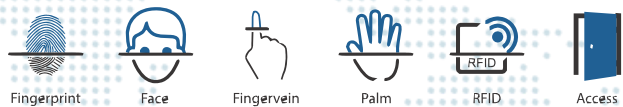


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Mobile App

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View Punch

View Attendance

View Shifts

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Shashikala
Regional Sales Manager

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from 10:00 am to 6:00 pm

