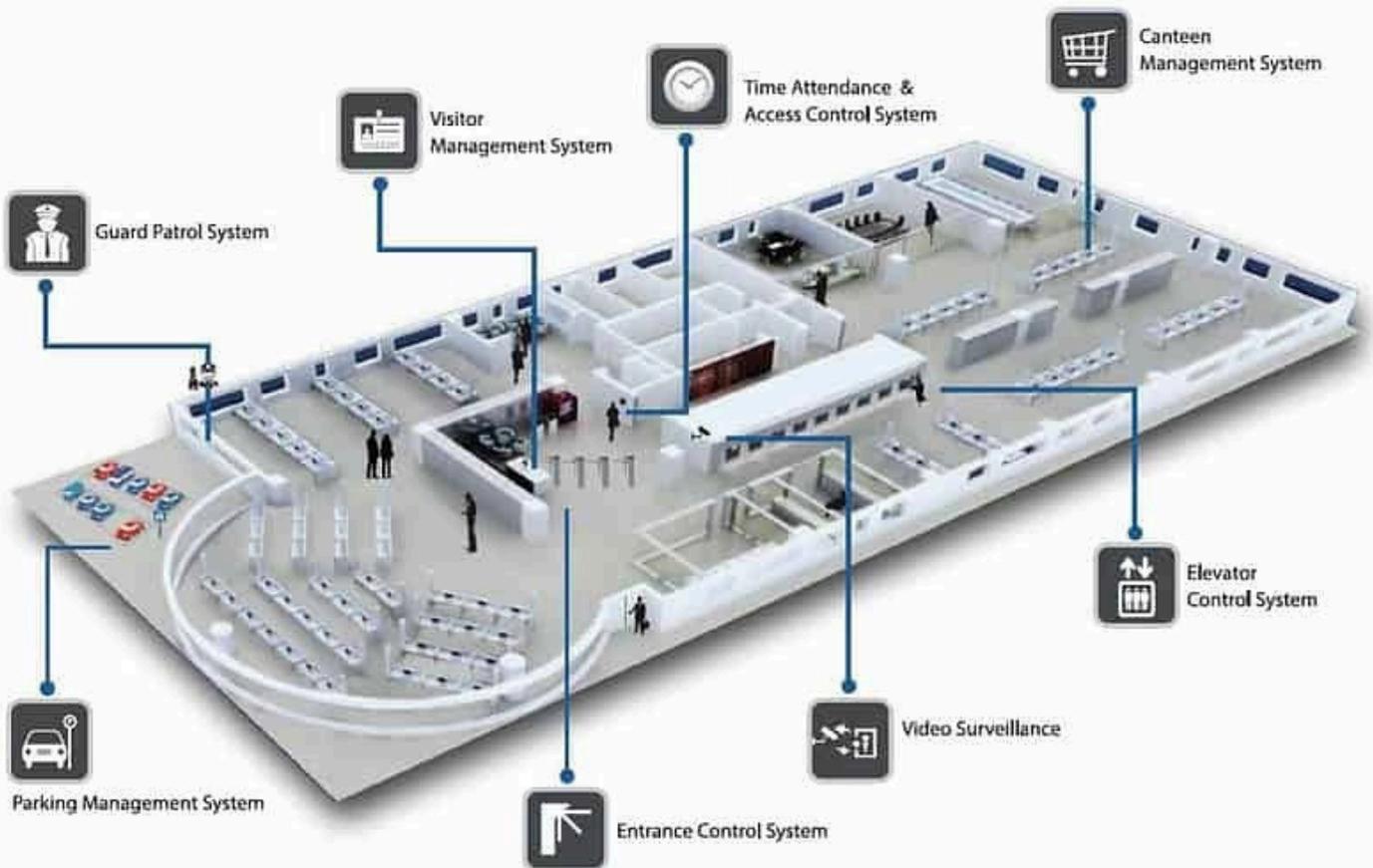


# PRODUCT CATALOGUE 2024 - 2025



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 1<sup>st</sup> - April - 2024 to 31<sup>st</sup> - March - 2025*



**Shashikala**  
Regional Sales Manager

*1st - April - 2024*

*Date Issued*

Disclaimer :

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

1. **Buying and Selling eSSL products online is prohibited and is termed as illegal**
2. Installation / Technical support / Training to end user is the responsibility of the installer or dealer
3. eSSL do not support end user directly, if they want support charges will be applicable



Aprilent Systems Pvt. Ltd.

#254, Unit-3, Kharvela Nagar, Bhubaneswar-751001, Odisha, INDIA  
www.aprilentsystems.com | sales@aprilentsystems.com | Ph : 91-8338998338



• **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

[www.aprilentsystems.com](http://www.aprilentsystems.com)  
[sales@aprilentsystems.com](mailto:sales@aprilentsystems.com)



## 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

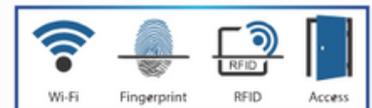
User Capacity: 2000  
Fingerprints Capacity: 2000  
Card Capacity: 2000  
Transaction Storage: 100000  
Push Data: Yes  
Card Reader: Yes  
LED Indicator: Green/Red  
Schedule Bell/Speaker: Mini Speaker  
Communication: TCP/IP, USB-host  
Standard Features: Inbuilt Battery Backup,  
Self Service Query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

## 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 : <=0.0001% | FRR : <=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

UserCapacity : 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 : <=0.0001% | FRR : <=1%  
 Identification speed : <=0.5sec  
 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**

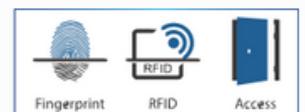
**KR500**



OR



**F12**  
Fingerprint  
Exit Sensor (RS485)



## 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 : <=0.0001% | FRR : <=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 : <=0.0001% | FRR : <=1%  
 Identification speed : <1 sec  
 Display : 3.5" Color TFT  
 Communication : TCP/IP, USB,  
 (Optional : Wi , GPRS, Camera)



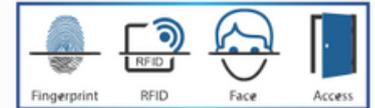
## MB20

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%



## 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

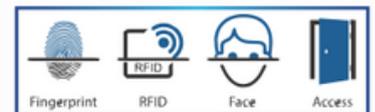
Face Capacity : 2,000 | Fingerprint Capacity : 3,000  
 ID Card Capacity : 3,000  
 Transaction Capacity : 1,00,000  
 Push Data : Yes  
 Display : 2.8-inch TFT Screen  
 Communication : TCP/IP, USB-Host, Wi-Fi(Optional)  
 Standard Functions : Work Code, SMS, DST,  
 Scheduled-bell, Self-Service Query,  
 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**

## 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 / 3GExternal 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:

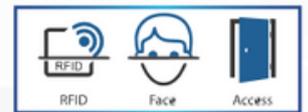
ID/Mifare/HID Proximity Anti-passback

Disclaimer: Specifications can be changed without prior notice.  
 Reference Source : [www.esslsecurity.com](http://www.esslsecurity.com)



## AiFace- Mercury

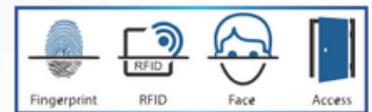
Display : 2.8-inch Touch Screen Face Capacity : 800 | User Capacity : 800 Transactions : 150,000 **Standard Functions** ADMS, T9 Input, DST, Camera, 9-digit User ID, Work Code, Self-service Query, Schedule Bell, Automatic Status Switch Communication : WIFI Working Temperature : -10 °C- 45 °C Dimensios : (W\*H\*D) 100\*100.2\*23.7mm



**AiFace- Mercury**

## AiFace-Uranus

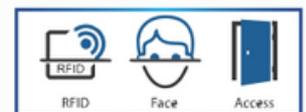
Max User (1:N) : 500 | Max Fingerprint (1:N) : 2000  
Max Face (1:N) : 500 | Max Record : 50,000  
TCP/IP :10M/100M  
Standard : Automatic Status Switch, Self-Service Query, DST, T9 Input  
9 Digit User ID, Scheduled Bell, Photo ID  
Lock, sensor, Exit button  
Optional : 125kHz EM / 13.56MHz MIFARE  
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

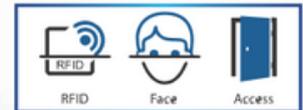
Face Capacity : 500  
User Capacity : 1,000  
Card Capacity : 1,000 (Optional)  
Transactions : 150,000  
Communication : TCP/IP, Wi-Fi & battery (Optional), USB Host  
Display : 4.3-inch Touch Screen  
Standard Functions : Work Code, DST, Self-service Query, Automatic Status Switch, T9 Input,  
Access Control Interface : 3rd Party Electric  
Lock, Door Sensor, Exit Button  
Supported Software : eTimetracklite



**Neptune**

## AiFace-Pluto

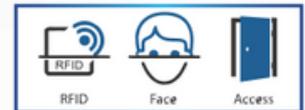
Display : 4" touch screen  
 Face Capacity : 1,000 \ Card Capacity : 1,000  
 Transactions : 150,000 **Standard Functions**  
 ID Card, ADMS, T9 Input, DST, Camera, 9 digit user ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verify Modes Communication : TCP/IP, WIFI, Wiegand input/output, RS485  
 Dimensios : 72.94 \* 157.94 \* 23 (mm)



**AiFace-Pluto**

## AiFace - Mars

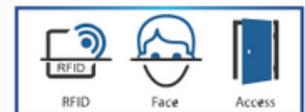
Display : 5-inch TouchScreen Face Capacity : 3,000 Card Capacity : 3,000 Transactions : 150,000 Standard Functions ID Card, ADMS, T9 Input, DST, Camera, 9 digit user ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verify Modes Communication : TCP/IP, WIFI(Optional), Wiegand input/output, RS485  
 Dimensios : (W\*H\*D) 91.93\*202.93\*21.5mm



**AiFace - Mars**

## AiFace Venus

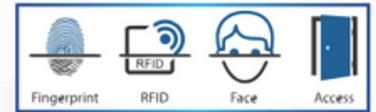
Display : 5-inch Touch Screen Face Capacity : 6000 \ Card Capacity : 10,000 Transactions : 200,000 Standard Functions ID Card, ADMS, T9 Input, DST, Camera, 9 digit user ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verify Modes Communication : TCP/IP, WiFi (Optional), Wiegand input / output, RS485  
 Dimensios : 100\*203.3\*24.5mm



**AiFace Venus**

## 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 :  $\pm 0.20C$  Measuring time :  $< 0.5s$  | Working voltage : 5V ~ 12V input Operating temperature : 50C~320C | Read range : 5~10cm Temp measurement range : 350C~42.90C 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 : -400 to + 850C



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 gm

Input : DC12V

the light will turn to green  
when active sensitive distance  
is adjustable from 1-15cm



### No Touch-RC-7-K1

Dimension : 115x70mm

Weight : 100 gm

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 Auxiliary 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)



## 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/siron, 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

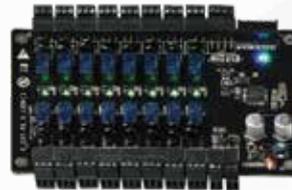
FloorButton Control Relays : 10  
 Fingerprint Capacity : 3,000  
 Proximity Card Capacity : 30,000  
 Event Capacity : 1,00,000  
 Power Supply : 12V DC 2A  
 Communication to computer : TCP/IP, RS485  
 Communication to EX16 : RS485  
 Number of supported EX16 boards : 3  
 SDK Available



**EC10**

### EX16

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

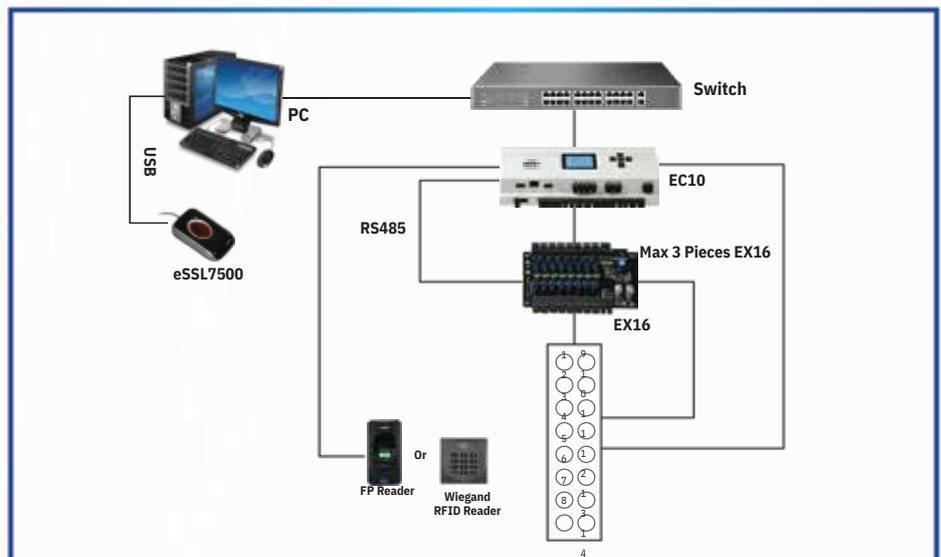


**EX16**

### 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

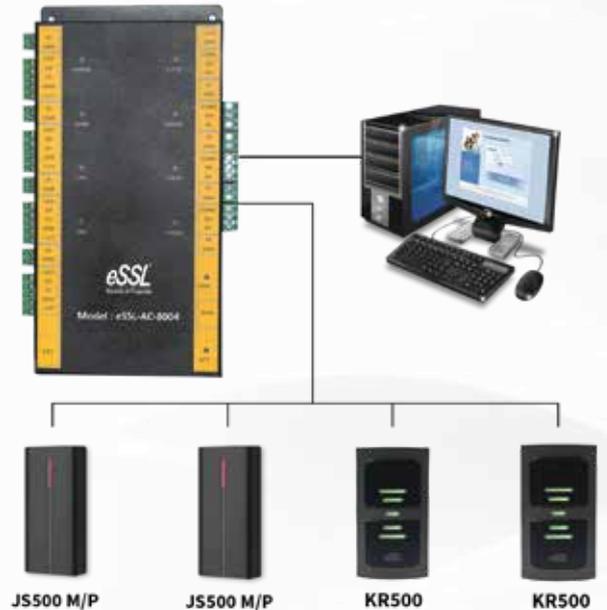


**Multidoor**  
**Access Control - 2 Door**  
**eSSL-Access-8002**

Card Capacity : 20,000  
Event bu er : 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



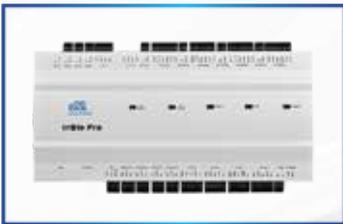
**Multidoor**  
**Access Control - 4 Door**  
**eSSL-Access-8004**

Card Capacity : 20,000  
Event bu er : 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

## ET1000

PassageWidth : =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

## ET1200

PassageWidth : <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

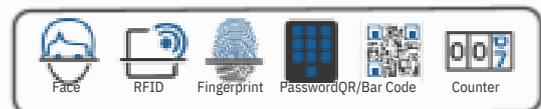
### Features

- 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

ET1000



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

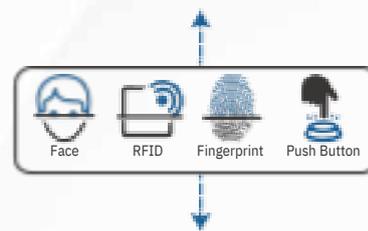
- Designed for secure operation wish aesthetics inland
- Corrosion protected S/S frame
- Minimal exposed hardware
- Heavy Gauge materials ASTM Standard
- Consists of rotor assembly, shield
- Assembly, barrier section, mechanism housing & ceiling plate
- The barrier can be set to delay closing in 1 ~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



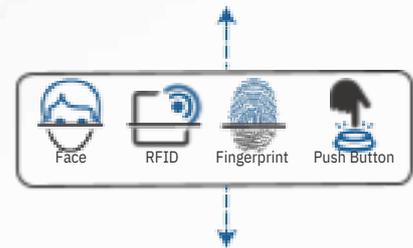
### FHT-TL-239

(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 fire 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 fire 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

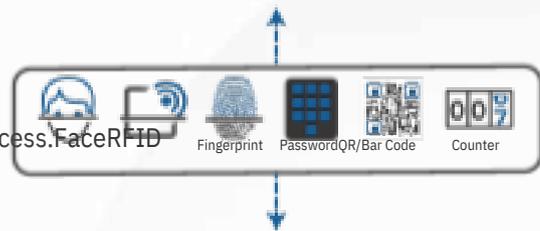
#### Features

- 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-219**  
Multi Lane

**FB-TL-119-R**  
Single Lane



## 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



**FB-TL-2000**  
Single Lane

**FB-TL-2200**  
Multi Lane

**FB-TL-2000**  
Single Lane

## SB - TL - 129

Passage Width (Max) :  $\leq 450$ mm (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) :  $\geq 54$   
Working Temperature :  $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$   
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  $+70^{\circ}\text{C}$  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

**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**

**BG108**

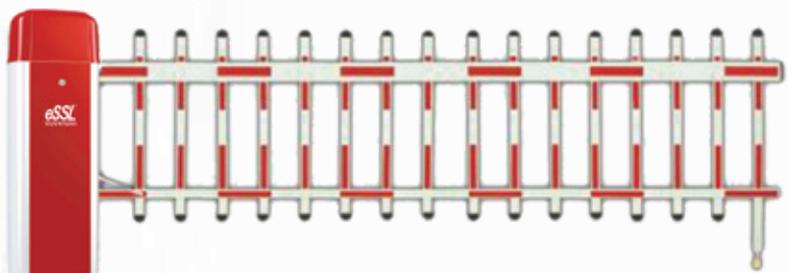


**BG-SC-300  
(3m, 3sec)**



**BG-100 Grey**

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



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



### 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



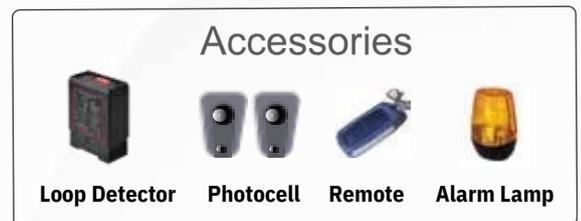
### BG100-BDC 36V DC Brushless Barrier

### 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



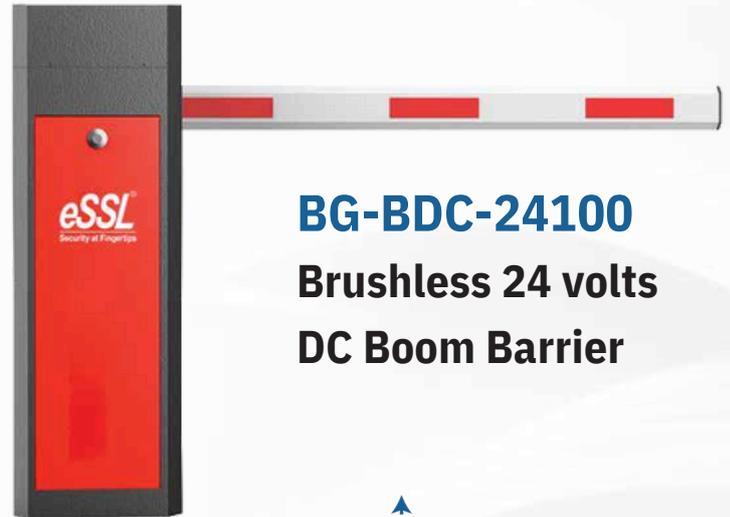
### BGL-100



**New**

### 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





New

## X-ray Baggage Scanner

### eBS-5030A

#### Product Parameters

Net weight: 100 Kg (uniform load) **Installation data**

Power consumption: 0.358 KVA (Gk1AX)

Supply voltage: 220 Vm<sup>3</sup>1s0 . CO Hz\*5Hz

Horizontal resolution: 685 mm

Spatial resolution: horizontal/vertical 1.0mm

Package size: 1570 mm(L) \* 770mm(W)\* 1100mm(H)

**X ray Generator**

Control interface: analog interface

Anode voltage: 80 KV

Tube Current: 0.05 mA

Work period: 100% no need to preheat

Cooling method: sealed oil cooling industrial fan cooling

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

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

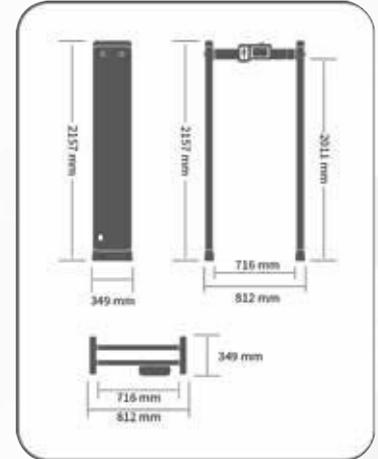
1. Orientation: Upward;
2. Tube Current: 0.4~1.25MA (adjustable);
3. Anode Voltage; 140-160KV;
4. X-ray divergence angle: 800;
5. Generator cooling/working periods; sealed oil bath with forced air/100%;
6. X-Ray Sensor : L- shaped array detector, 24bit;

### 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

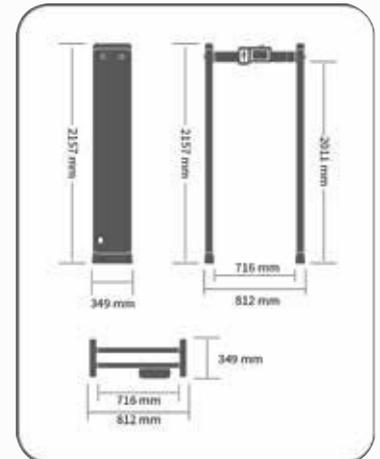
## D2401

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 Curren : <50mA  
 Alarma 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

### Roiling 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 : <25m<sup>2</sup>

#### eSSL-RSM-Controller

Power Supply : AC 380 50Hz Maz.  
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 : <25m<sup>2</sup>



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

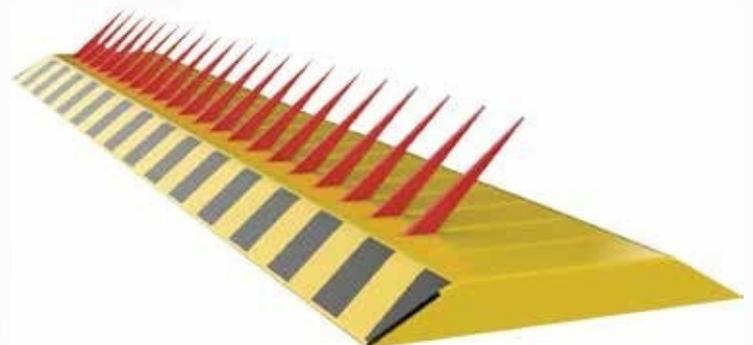


HB-426 (Hydraulic Bollard) /  
HBC-600 (control unit)

## 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,Single 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 : UHFWaterproof 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

MainBody 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 degree  
Emergency Power : Like 5 V Micro USB



FL-100

## FL-200

Main BodyMaterial : 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 degree  
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  
 Handing : 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 degreeen  
 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

LockType : 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 :  $\varnothing$ 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

LockType : 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 :  $\varnothing$ 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

LockType : 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 : " $\varnothing$ 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 x3.375x0.033  
 Max (5.40 x 8.57 x 0.084 cm)  
 ISO Standard :  
 ISO/IEC 14443-3 Type A  
 Capacity : 4K bytes  
 Response Time : 30 ~ 50ms  
 Reading Distance : 30 ~ 50mm

## Solutions at your FingerTips

Aprilent Systems Pvt. Ltd. brings intelligent security and surveillance solutions that protect people, properties and assets. They ensure safety, security and productivity in various industrial processes and help make the world safer. Our integrated security systems have been used in various situations and they deliver comprehensive coverage.



### Banking

Ranging from ATM Surveillance to Branch Surveillance to Cash Van Surveillance to Central Control...



### Campus

With school and university managers becoming accountable for campus security, surveillance...



### Hospitality / Health Care

Surveillance stands as a critical need of the hospitality industry today. CP PLUS offers tailored...



### Manufacturing

Manufacturing facilities and warehouses are stocked up with raw materials, WIP or finished goods at...



### Law Enforcement

Police forces fulfill the arduous task of ensuring peace and order within a city/ state. Managing a bustling...



### Oil & Gas

Oil & Gas sites are often remote and isolated with assets spread across large areas and multiple...



### Real Estate

Solutions for under-construction sites to furnished structures and more, CP PLUS caters to a wide...



### Retail

Shoplifting, theft and cashier fraud make up for a significant percentage of the losses incurred by retail...



### Safe City

City surveillance is important for ensuring the safety and security of citizens, and deterring crime. By...



### Smart Traffic

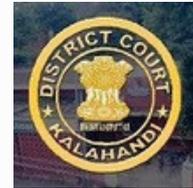
Over the years, the number of vehicles on the roads has increased along with the expansion of routes...



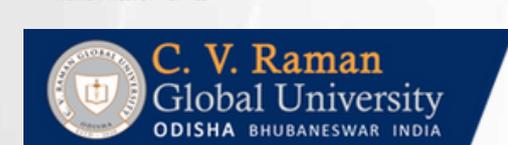
### Transport

With CP PLUS's advanced mobile surveillance solutions, vehicles can now be surveyed with ease...

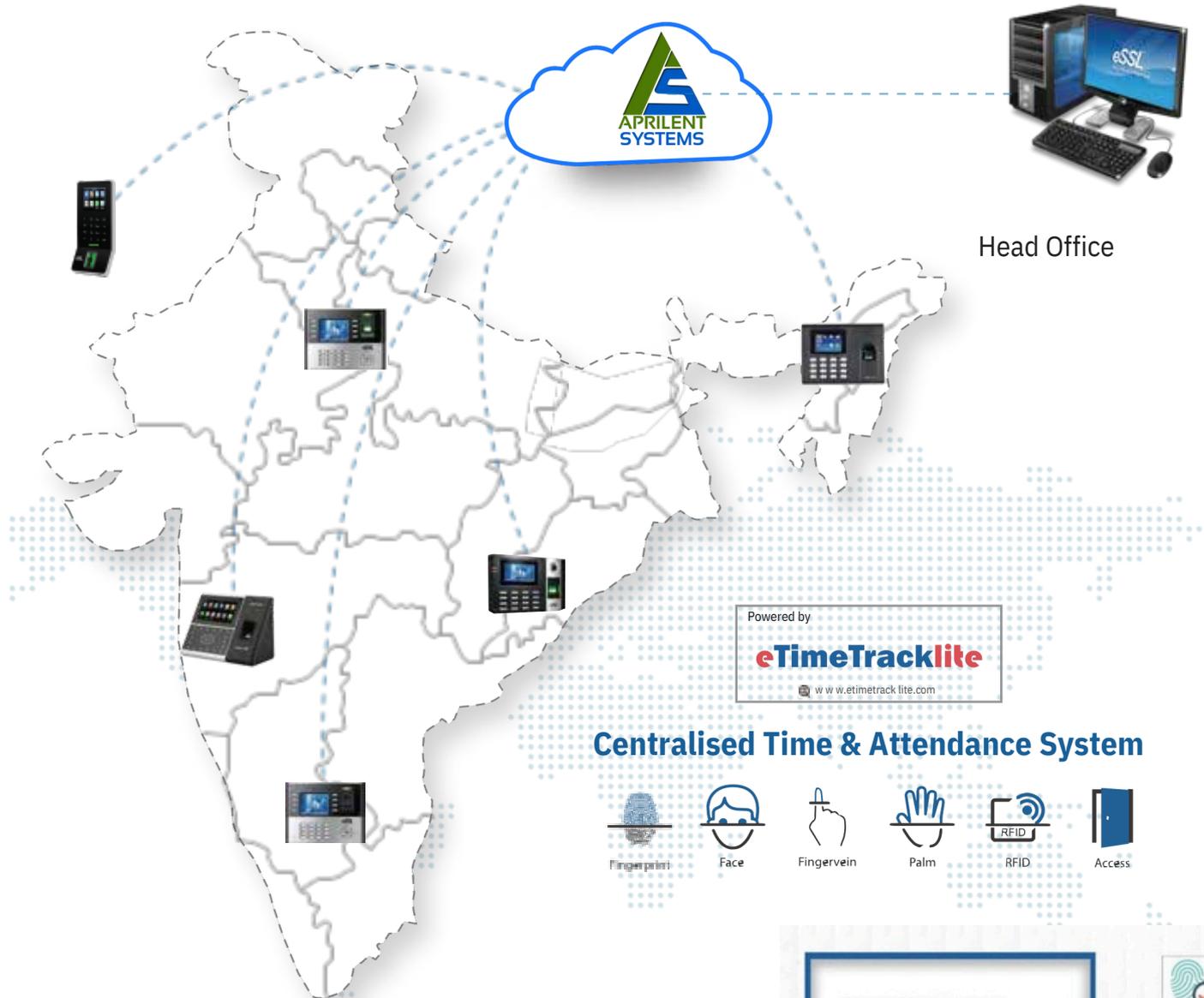
## Our Happy Clients



ନିବନ୍ଧକ ସମବାୟ ସମିତି ସମୂହ, ଓଡ଼ିଶା  
The Registrar of Cooperative Societies  
Department of Cooperation, Government of Odisha

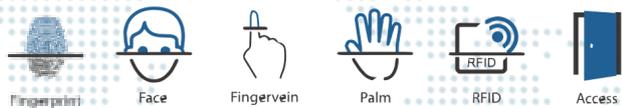


**Manage Time & Attendance  
for all your Branches from Head Office**



Powered by  
**eTimeTracklite**  
www.etimetracklite.com

**Centralised Time & Attendance System**



- ✓ Easiest to setup – No installation of any applications/software required.
- ✓ Data Safety    ✓ Centralization of Data    ✓ Zero Server Maintenance
- ✓ Better control over permission and data    ✓ No need of Static IP
- ✓ Access from Anytime and Anywhere    ✓ No IT Person required
- ✓ Save cost in terms of Space & Hardware Investment
- ✓ No Data loss issues or concerns (we take backup every week)
- ✓ No need to provide system access and stop your work.

**Now Mark your Attendance Through eTimeTracklite App**

**eTimeTracklite**  
Mobile App



GET IT ON  
**Google Play**

**Download eTimeTracklite Mobile App**


Mark Attendance


View Punch


View Attendance


View Shifts

**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 1<sup>st</sup>-April - 2024 to 31<sup>st</sup>- March - 2025*



**Shashikala**  
Regional Sales Manager

*1st - April - 2024*

*Date Issued*

Disclaimer :

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

1. **Buying and Selling eSSL products online is prohibited and is termed as illegal**
2. Installation / Technical support / Training to end user is the responsibility of the installer or dealer
3. eSSL do not support end user directly, if they want support charges will be applicable



Aprilent Systems Pvt. Ltd.

#254, Unit-3, Kharvela Nagar, Bhubaneswar-751001, Odisha, INDIA  
www.aprilentsystems.com | sales@aprilentsystems.com | Ph : 91-8338998338

# CONTACT US



+91-8338998338



sales@aprilentsystems.com



@aprilentsystems



www.aprilentsystems.com



#254, Unit-3, Kharvela Nagar,  
Bhubaneswar-751001, Odisha, INDIA



MONDAY THROUGH SATURDAY

from 10:00 am to 6:00 pm

