

Awarded by

FROST & SULLIVAN

2007 BEST PRACTICES & 2010 AWARD

Market Leadership in the Indian Biometrics Readers Market



**Biometric**

- Time & Attendance
- AI-Face Recognition System
- Guard Patrol System

**Entrance Control**

- Turnstiles
- Flap Barrier
- Parking Barrier
- Swing Barrier
- Bollards & Tyre Killers

**Inspection Product**

- Metal Detector-DFMD-HHMD
- Baggage Scanner

**Access Controller**

- Multi-Door Controller
- Elevator Controller
- Visitor Management

**Smart Lock**

- Fingerprint Lock
- Hotel Lock
- Safe Lock
- EM Lock & Brackets



Card

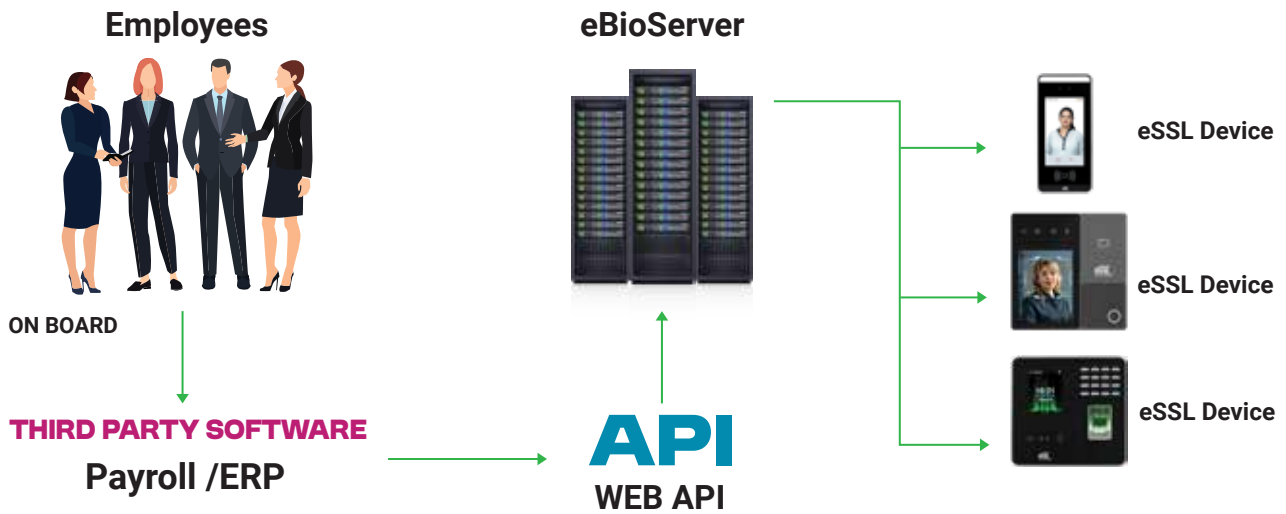


Face



# eBioServer

## Centralized Server



## Middleware for 3rd party software integration (Payroll, HRMS, ERP etc)

### Features

#### Auto Sync

It will Auto Sync the employees information to respective devices based on location.

#### Parallel Database Export

Using parallel database export data can be exported to third party database (MS SQL and MySQL)

#### Web API

Through Web API, We can get the Punch records of the employees, and we can perform Employee addition and deletion from the location of respective devices.

Users will be auto transferred to slave device when it's enrolled on master device.

### eSSL Support Management System Web Help Desk

#### 1. Built-In Product Knowledge base

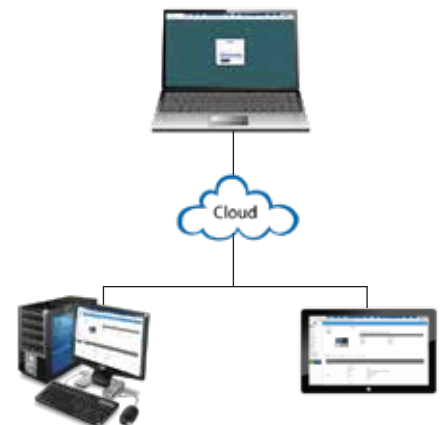
- Image/Features/Product Specification → Catalogue
- Connection Diagram → FAQ → Video → Documents(Manuals/PPT's)

#### 2. Support Call Ticketing System

- Self Service (FAQs – customers will be able to get a wide variety of answers to their problems at all times)
- Ticket gets checked and answered

#### 3. Training

- Online Training → Training at Branches



**Download eSSL Support Management App**

Google Playstore ->eSSL Support Management System ->Install->Give Registered User ID & Passowrd->Sign in

[www.esslservices.com/support](http://www.esslservices.com/support) | Email : [services@esslsecurity.com](mailto:services@esslsecurity.com)



# FINGERPRINT

Eliminate “paper and ink”, revamp with “biometrics”  
for attendance.



Password



Fingerprint



Card



WiFi



Battery

# Standalone Fingerprint Time Attendance & Access Control System

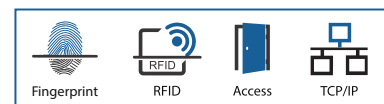
## FINGERPRINT - X990

- Fingerprint Capacity : 10000
- Card Capacity : 10000
- Transaction Capacity : 100000
- Display : 2.8" TFT
- Fingerprint sensor : 500 DPI Optical sensor
- Communication: TCP/IP, USB, (Optional : Wi-Fi, GPRS)
- Push data : Yes
- Battery : Yes (Optional)
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, Alarm Output
- Support exit readers : JS500E , FR1200, Push Button, KR500E, Notouch, KR503RS485



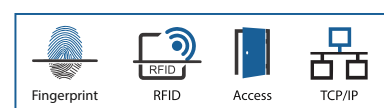
## FINGERPRINT - SF100

- Fingerprint Capacity : 1500
- Card Capacity : 5000
- Transaction Capacity : 80000
- Fingerprint Sensor : 500 DPI Optical sensor
- Display : 2.8" TFT
- Communication : TCP/IP, RS485, USB-host
- Support Exit Reader KR500E, Electric lock, Door sensor, Alarm, Exit button, Door bell
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, Alarm Output



## FINGERPRINT - F18

- Fingerprint Capacity : 3000
- Card Capacity : 5000
- Transaction Capacity : 100000
- Display : 2.5" color TFT
- Fingerprint sensor : 500 DPI Optical sensor
- Communication : TCP/IP, USB host
- Push data : Yes
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, Alarm Output
- Support exit readers : JS500E , FR1200, Push Button, KR500E, Notouch, KR503RS485



# Standalone Fingerprint Time Attendance & Access Control System

## FINGERPRINT - K30 PRO

- Fingerprint Capacity : 2000
- Card Capacity : 2000
- Transaction Capacity : 100000
- Push Data : Yes
- Fingerprint sensor : 500 DPI Optical Sensor
- Display : 2.8" TFT Screen
- Communication : TCP/IP, USB-host
- Inbuilt Battery Backup : Yes
- Access Control Interface : Electro Magnetic Lock/  
Electric Lock, Door Sensor, Exit Button



## FINGERPRINT - ICLOCK990

- Fingerprint Capacity : 40000
- Card Capacity : 40000
- Transaction Capacity : 800000
- Fingerprint sensor : 500 DPI Optical sensor
- Display : 3.5" color TFT
- Communication : TCP/IP, USB, (Optional : Wi-Fi, GPRS)
- Access Control Interface : Electro Magnetic Lock/  
Electric Lock, Door Sensor, Exit Button, Alarm Output
- Support exit readers : JS500E , FR1200, Push Button,  
KR500E, Notouch, KR503RS485
- Battery : Yes (Optional)



## FINGERPRINT - F22

- Fingerprint Capacity : 3000
- Card Capacity : 5000
- Transaction Capacity : 30000
- Fingerprint sensor : 500 DPI Silk ID sensor
- Display : 2.5-inch TFT Screen
- Communication : RS232/485, TCP/IP, USB-host, Built in Wi-Fi
- Push Data : Yes
- Support exit readers : JS500E , FR1200, Push Button, KR500E,  
Notouch, KR503RS485
- Access Control Interface : Electro Magnetic Lock/  
Electric Lock, Door Sensor, Exit Button, Alarm Output





# FACE

**Simplify attendance with our contactless face recognition systems - delivering accurate tracking and enhanced safety.**



Face



Fingerprint



Card

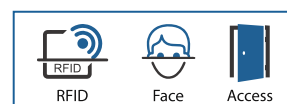


WiFi

# Multi-Biometric Time Attendance & Access Control System

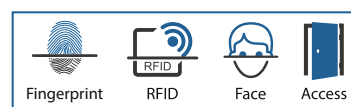
## FACE - AIFACE MARS+QR

- Display : 5-inch Touch Screen
- Face Template : 6000
- Card Template : 10000
- Transaction Capacity : 200000
- Communication : TCP/IP, Wi-Fi (Optional), Wiegand Input/output, RS485
- QR Sensor : QR Code, PDF417, Data Matrix, MicroPDF417
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, Auxiliary Input, Auxiliary Output (Alarm)
- Face : Recognition Speed :  $\leq 1$ s



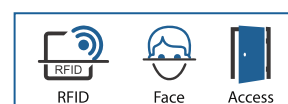
## FACE - AIFACE-ARION

- Display : 5-Inch
- Fingerprint Template Capacity : 6,000 (1:N)
- Face Template Capacity : 6,000 (1:N)
- Card Capacity : 10,000 (1:N)
- Transaction Capacity : 200,000 (1:N)
- Fingerprint Verification Speed :  $< 0.3$  sec
- Facial Verification Speed:  $< 1$  sec
- Facial Recognition Distance : 1cm to 100cm
- Communication : TCP/IP, Wiegand (Input & Output), RS485, Wi-Fi
- Card Type : Proximity ID Card@125 kHz , Mifare IC Card@13.56 MHz (Optional) , HID Prox, HID Iclass (Optional)
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, Alarm Output



## FACE - MU-AI-5

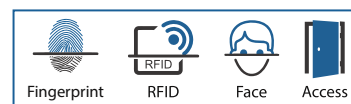
- Face Capacity : 50,000
- Password Capacity: 50,000
- Transactions Capacity : 50,000
- Card Capacity : 50,000
- Display : 5-inch touch Screen
- Face recognition distance : 0.3 to 2m
- Face recognition speed :  $< 0.2$ s
- Network interface : 1\*100M ethernet port
- Wi-Fi : Support 2.4G frequency



# Multi-Biometric Time Attendance & Access Control System

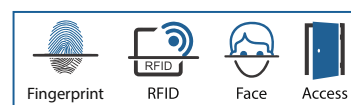
## FACE - AIFACE-JUPITER

- Display : 5-inch Touch Screen
- Fingerprint Capacity : 6,000
- Card Capacity : 10,000
- Transaction Capacity : 200,000
- Face Capacity : 6,000(Standard); 10,000 (Optional)
- Communication : TCP/IP, WiFi (Optional), Wiegand input / output, RS485
- Access Control Interface : 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm output, Auxiliary Input
- Optional Card Type : 13.56MHz IC Card (MF)
- Facial Recognition Speed : ≤1s



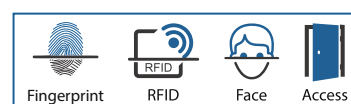
## FACE - AIFACE ERIS

- Display : 4-inch color LED touch screen
- Face Capacity : 3000
- Fingerprint Capacity : 3000
- Card Capacity : 3000
- Transaction Capacity : 2,00,000
- Optional Card Type : HID Prox@125KHzMifare@13.56 MHz
- Communication : TCP/IP, Wiegand (Input & Output), RS485,Wi-Fi(Optional)
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, Alarm Output



## FACE - AIFACE MAGNUM

- Face Capacity : 1500
- Fingerprint Capacity : 5000
- Card Capacity : 10,000
- Transaction Capacity : 200,000
- Display : 2.5-inch touch Screen
- Face Recognition Speed : <1s
- Face Recognition Distance : 0.5m to 2m
- Communication : TCP/IP, WiFi(Optional), Wiegand Input/Output,RS485
- Access Control Interface : 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm output, Auxiliary Input

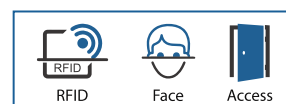




# Multi-Biometric Time Attendance & Access Control System

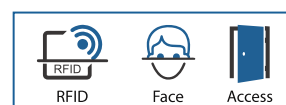
## FACE - AIFACE-VENUS

- Display : 5inch Touch Screen
- Face Capacity : 6000
- Card Capacity : 10000
- Transaction Capacity : 200000
- Communication : TCP/IP, WiFi(Optional), Wiegand Input/Output, RS485
- Access Control Interface : 3rd-party Electric Lock, Door Sensor, Exit Button, Alarm Output
- Optional Function : 13.56MHz IC Card (Mifare)
- Face Recognition Speed : <=1s



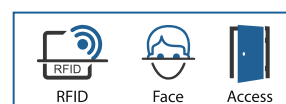
## FACE - MU-AI-9

- Face Capacity : 50,000
- Card Capacity : 50,000
- Transaction Capacity : 50,000
- Display : 2.8 inch touch screen
- Camera resolution : 2MP \*2
- Network Interface : 1\*100M Ethernet Port
- WiFi : Support 2.4ghz
- Wiegand : 34/26, 1 in /1 out
- Mifare : Support



## FACE - AIFACE-MARS

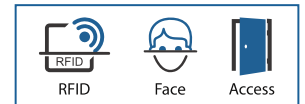
- Display : 5inch Touch Screen
- Face Capacity : 3000
- Card Capacity : 3000
- Transaction Capacity : 150000
- Communication : TCP/IP, WiFi(Optional), Wiegand Input/Output, RS485
- Access Control Interface : 3rd-party Electric Lock, Door Sensor, Exit Button, Alarm Output
- Face Recognition Speed : <=1s



# Multi-Biometric Time Attendance & Access Control System

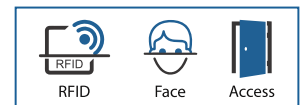
## Face - Aiface Magnum Lite

- Face Capacity : 1500
- Card Capacity : 10,000
- Transaction Capacity : 200,000
- Display : 2.4-inch touch screen
- Facial Recognition Speed : <1s
- Facial Recognition Distance : 0.5m to 2m
- Communication : TCP/IP,WIFI (Optional)
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, No touch Sensor



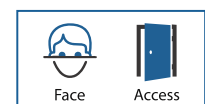
## FACE - AIFACE-NEPTUNE

- Display : 4.3-inch Touch Screen
- Face Capacity : 500
- Card Capacity : 1,000
- Transaction Capacity : 150,000
- Communication : TCP/IP, Wi-Fi (Inbuilt), USB Host
- Access Control Interface : 3rd Party Electric Lock, Door Sensor, Exit Button
- Optional Functions : Mifare Card, Battery Backup
- Face Recognition Speed : ≤1s



## FACE - AIFACE - MERCURY ACCESS

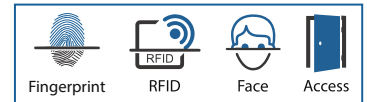
- Display : 2.8-inch Touch Screen
- Face Capacity : 800
- User Capacity : 800
- Transaction Capacity : 150000
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, No Touch Sensor
- Communication : TCP/IP, WIFI
- Face Recognition Speed : ≤1s



# Multi-Biometric Time Attendance & Access Control System

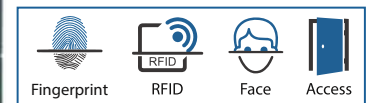
## AIFACE - ORCUS

- Display : 2.4" @ TFT Color LCD Screen
- Fingerprint Template Capacity : 3,000
- Face Template Capacity : 1,500
- Card Capacity : 3,000
- User Capacity : 3,000
- Transaction Capacity : 150,000
- Communication : TCP/IP, Wi-Fi (Optional) USB
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, Alarm Output
- Optional Card Type : 13.56MHz IC Card (Mifare)
- Fingerprint Verification Speed : < 0.5 sec
- Facial Verification Speed : < 35 sec
- Facial Authentication Recognition Distance : 30cm to 200cm



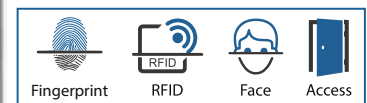
## FACE - AIFACE-URANUS

- Fingerprint Capacity : 2000
- Face Capacity : 500
- Card Capacity : 500
- Transaction Capacity : 50,000
- Communication: TCP/IP, USB
- Display : 2.8" Color LCD
- Optional : Mifare Card



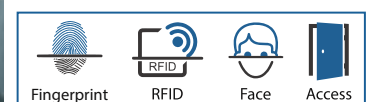
## FACE - MB20

- User Capacity : 1000
- Fingerprint Capacity : 2000
- Face Capacity : 500
- Transaction Capacity : 50000
- Display : 2.8" Color LCD
- Communication : TCP/IP, USB-Host
- Access Control Interface : Electro Magnetic Lock/Electric Lock, Door sensor



## FACE - MB160

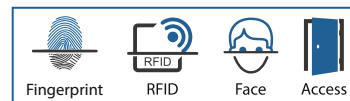
- Display : 2.8-inch TFT Screen
- Face Capacity : 1500
- Fingerprint Capacity : 2000
- Card Capacity : 2000
- Transaction Capacity : 100000
- Communication : TCP/IP, USB-Host, Wifi(Optional), GPRS(Optional)
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, No Touch Sensor
- Battery : Optional



# Multi-Biometric Time Attendance & Access Control System

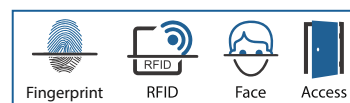
## FACE - SILKBIO-101TC

- Face Capacity : 2000
- Fingerprint Capacity : 3000
- Card Capacity : 3000
- Transaction Capacity : 100000
- Display : 2.8-inch TFT Screen
- Communication: TCP/IP / USB Host (Optional : Wi-Fi)
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, Alarm Output
- Inbuilt Battery



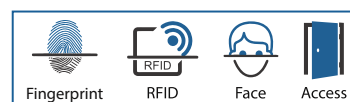
## FACE - UFACE-302/UFACE -602

- Face Capacity : 3000
- Fingerprint Capacity : 4000
- Card Capacity : 10000
- Transaction Capacity : 100000
- Display : 4.3-Inch Touch Screen
- Communication : TCP/IP / USB Host /RS485 / Wiegand Output, (Optional : Wi-Fi, GPRS, Battery)
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, Alarm Output



## FACE - EFACE-990

- Fingerprint Capacity : 10000(1:N)
- Face Capacity : 6000(1:N) 10000(1:1)
- Card Capacity : 10000
- Transaction Capacity : 100000
- Display : 4.3 Inch Touch Screen
- Communication : TCP/IP / USB Host /RS485 / Wiegand Output, (Optional : Wi-Fi, GPRS, Battery)
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, Alarm Output



# Simple Standalone Access Control

## JS-32E

- Working voltage : DC12V+10%
- Proximity Card Capacity : 2000
- Password : 2000
- Access Way : card, Pin, Card+Pin
- Reading Range : 3-6cm
- Door Opening Time : 0-99s (Adjustable)
- Static electricity : < 30mA | Electric lock output : < 1A
- Ambient temperature : -45°C ~ 60°C | Humidity : 10% to 90% RH
- Short-circuit Protect : < 100μ5
- Dimensions : 115\*75\*16mm
- Wiegand 26 input and output



## JS-34 E/M

- Proximity/Mifare Card Capacity : 2000
- Password : 2000
- Access Way : card, Pin, Card+Pin
- Outdoor: IP66
- Static electricity : < 30mA | Electric lock output : < 3A
- Ambient temperature : -45°C ~ 60°C | Humidity : 10% to 90% RH
- Short-circuit Protect : < 100μ5 | Working voltage : DC12V+10%
- Reading Range : 5-8cm
- Door Opening Time : 0-99s (Adjustable)
- Backlight keypad Metal case, anti-vandal
- Multi-function standalone access controller and reader
- WG26 Input / output



## SA40B-M

- Mifare Card Capacity : 2,000
- Password Capacity : 2,000[4 – 6 Digits]
- Verification Modes : Card Only / Password Only / Card and Password
- 1 Relay / 1 Door Sensor / 1 Exit Button / 1 Doorbell
- Dimensions : (L\*W\*H) 103.5\*86\*19 (mm) (±3mm)
- Operating Voltage : DC 9 to 15V
- Operating Temperature : -20°C to 60°C | Humidity : 15% to 90%



## X7

- Card Capacity : 500
- Fingerprint Capacity : 500
- Password Capacity : 8 groups
- Sensor : Optical Sensor
- Access Control Interface : 3rd-party Electric Lock, Door Sensor, Exit Button, Alarm Output
- Operating Temperature : 0°C - 40°C | Operating Humidity : 20% - 80%
- Power Supply : 12V DC , 3A
- Dimension (LxWxH) : 88 x 88 x 35 mm



## GP-FINGER-101

- Storage Capacity : 60, 000 pieces
- Alarm Clock : 200 groups
- Fingerprint Record : 200 groups
- Battery : 3.7V lithium rechargeable battery
- Communication : USB 2.0, no need drive
- Operating Temperature : -40° to + 85°C
- Voice prompt
- Biometric Fingerprint
- Pedometer
- Flashlight
- 200 groups alarm clock
- Magnetic connection cable
- Highlighted OLED display with time and temperature
- 123Khz card



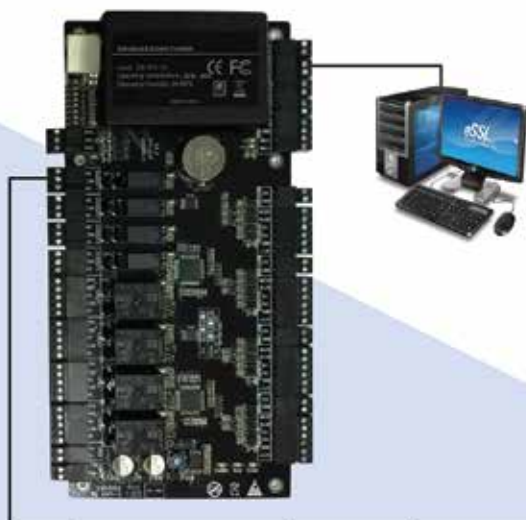
## GP-RFID-102

- Storage Capacity : 60, 000 pieces
- Alarm Clock : 200 groups
- Battery : 3.7V lithium rechargeable battery
- Communication : USB 2.0, no need drive
- Operating Temperature : -40° to + 85°C
- Voice prompt
- Pedometer
- Flashlight
- 200 groups alarm clock
- Magnetic connection cable
- Highlighted OLED display with time and temperature
- 123Khz card



# CARD BASED MULTIDOOR ACCESS CONTROLLER

## C3 - 400



PARAMETER	C3-100	C3-200	C3-400
Number of Doors Controlled	1 Door	2 Door	4 Door
Number of Readers Supported	2	4	8
Types of Readers supported	26-bit Wiegand reader	26-bit Wiegand, others upon request	4 - 26-bit Wiegand and 8- RS485 Reader
Card Capacity	30000	30000	30000
Log Event Capacity	100000	100000	100000
Communication	TCP/IP and RS-485	TCP/IP and RS-485	TCP/IP and RS-485
Dimension	175 * 99 mm (L*W)	175 * 99 mm (L*W)	216 * 99 mm (L*W)
Power Supply	12V DC, 1.5A	12V DC, 1.5A	12V DC, 1.5A
Hardware	CPU: 32bit 400 MHz, RAM: 32MB, Flash Memory: 128 MB		
Number of Inputs	2 (Exit Device and Door Status)	6 (2 Exit Device, 2 Door Status, 2 AUX)	12(4 Exit Device, 4 Door Status, 4 AUX)
Number of Outputs	2 (1-Form C Relay for Lock and 1-Form C Relay for Aux Output)	4 (2-Form C Relay for Lock and 2-Form C Relay for Aux Output)	8 (4-Form C Relay for Lock and 4-Form C Relay for Aux Output)
Software	Desktop: Access Security System 3.5   Web: eSSL Biosecurity V5000		
Database Type	MS Access / MS SQL		
Features:	<ul style="list-style-type: none"> <li>• 256 time Zones, 256 access levels</li> <li>• Anti-passback function, Door Interlock function, Linkage function.</li> <li>• Multi-Card Opening function   Remote door opening. Real-Time monitoring Via Web browser</li> <li>• 4 auxiliary input may be connected to infrared body detectors, fire alarms, smoke detectors etc. 4 auxiliary output may be connected to alarms, cameras, door bells etc.</li> <li>• Data is preserved if power is lost, Controller continues to operate if data connection is interrupted. Alarms and Events notifications through email</li> <li>• Supports Video Integration &amp; Visitor Management Module using Web Application</li> <li>• Supports all major brands camera</li> <li>• SDK Available</li> </ul>		

# FINGERPRINT BASED MULTIDOOR ACCESS CONTROLLER

## InBio 260



PARAMETER	INBIO160	INBIO260	INBIO460
Number of Doors Controlled	1 Door	2 Door	4 Door
Number of Readers Supported	2	4	8
Types of Readers supported	26-bit Wiegand and RS485 FR1200 Reader	26-bit Wiegand and RS485 FR1200 Reader	26-bit Wiegand and RS485 FR1200 Reader
Card Capacity	30,000	30,000	30,000
Fingerprint Capacity	3000	3000	3000
Log Event Capacity	100,000	100,000	100,000
Communication	TCP/IP and RS-485	TCP/IP and RS-485	TCP/IP and RS-485
Dimension	350(L)×90(H)×300(W)mm	350(L)×90(H)×300(W)mm	350(L)×90(H)×300(W)mm
Power Supply	9.6V-14.4V DC	9.6V-14.4V DC	9.6V-14.4V DC
Hardware	CPU: 32bit 400 MHz, RAM: 32MB, Flash Memory: 128 MB		
Number of Inputs	2 (Exit Device and Door Status)	6 (2 Exit Device, 2 Door Status, 2 AUX)	12 (4 Exit Device, 4 Door Status, 4 AUX)
Number of Outputs	2 (1-Form C Relay for Lock and 1-Form C Relay for Aux Output)	4 (2-Form C Relay for Lock and 2-Form C Relay for Aux Output)	8 (4-Form C Relay for Lock and 4-Form C Relay for Aux Output)
Software	Desktop: Access Security System 3.5   Web: eSSL Biosecurity V5000   SDK Available		
Database Type	MS Access / MS SQL		
Features:	<ul style="list-style-type: none"> <li>• 256 time Zones, 256 access levels   Anti-passback function, Door Interlock function , Linkage function</li> <li>• Multi-Card Opening function, Remote door opening  Real-Time monitoring Via Web browser</li> <li>• 4 auxiliary input may be connected to infrared body detectors, fire alarms, smoke detectors etc. 4 auxiliary output may be connected to alarms, cameras, door bells etc.</li> <li>• Data is preserved if power is lost, Controller continues to operate if data connection is interrupted. Alarms and Events notifications through email   Supports all major brands camera</li> <li>• Supports Video Integration &amp; Visitor Management Module using Web Application</li> </ul>		



# MULTIDOOR ACCESS CONTROLLER



KR 500-E/M  
(wiegand)



KR503E/M  
(RS 485)



KR 500-E/M  
(wiegand)



KR503E/M  
(RS 485)



F12



## C3-400 PRO

- Card Capacity : 100000
- Log Events Capacity :100000
- CPU : 32 bit 1.2GHZ
- RAM : 128MB
- Flash Memory : 256MB
- Communication : TCP/IP, RS-485 and WiFi optional
- Number of Doors controllers : 4 Doors
- Number of Readers Supported : 8 (8 RS-485 Reader OR 4 26-bit wiegand reader)
- 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
- Multi-Card Opening function, Remote door opening and closing
- Data is preserved if power is lost, Controller continues to operate if data connection is interrupted
- Real-Time monitoring Via Web browser
- 4 auxiliary inputs cab be connected to infrared body, Detectors, Fire alarms, smoke detectors etc.
- 4 auxiliary outputs can be connected to alarms, cameras, door bells, light indicator etc.
- Global Anti-pass back, Global Interlock and Global Linkage
- Alarms and Events Notifications through Email
- Who is inside: Can track last position of employee
- Supports Video Integration & Visitor Management Module
- Duress password entry, and Auxilary input/output
- Linkages are inbuilt into controller firmware
- Supports all major brands camers

## Software and Database Supported:

- eSSL Biosecurity V5000 (Web based application)
- PG SQL by default, Supported MSSQL 2005/2008/2012 and Oracle 11g enterprise edition

## INBIO460 PRO

- Fingerprint Capacity: 20,000
- Card Capacity: 60000
- Log Events Capacity: 100000
- CPU: 32 bit 1.2GHZ
- RAM: 128MB
- Flash Memory: 256MB
- Communication: TCP/IP, RS-485 and WiFi optional
- Number of Doors controllers: 4 Doors
- Number of Readers Supported: 8 (8 RS-485 Reader OR 4 26-bit wiegand reader)
- 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
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- Alarms and Events Notifications through Email
- Who is inside: Can track last position of employee
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## Software and Database Supported:

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- PG SQL by default, Supported MSSQL 2005/2008/2012 and Oracle 11g enterprise edition



# CARD BASED MULTIDOOR ACCESS CONTROLLER



Features	8002	8004
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	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 (2 In & 2 Out)	4(IN) OUT (Push Button/No touch)
Door control output	4	4
Operation Temperature	-40 °C - 70°C	
Operation Humidity	10-90 % RH, No Condensation	
Software	eSSL Professional Door Control Software	
Database Type	MS Access / MS SQL	
Features	<ul style="list-style-type: none"> <li>• 256 time Zones, 256 access levels</li> <li>• Anti-passback function, Interlock function</li> <li>• Multi-Card Opening function, Remote door opening</li> <li>• Delay time for unlocking : 1-600 seconds(adjustable)</li> <li>• Real-Time monitoring via software</li> <li>• Power interruption protection measure : High Speed Memory, Records never lose</li> <li>• Fire and alarm linkage : Optional</li> </ul>	

# ELEVATOR CONTROLLER

"Your Command for Every Floor!"



ELEVATOR CONTROLLER - EC10	EXTENSION BOARD - EX16
Floor Button Control Relays: 10	Floor Button Control Relay :16
Fingerprint Capacity: 3000	Communication to EC10 : Rs485
RFID Card Capacity: 30000	RS485 address : Set by DIP switch
Transaction Capacity: 100000	Power Supply : 12V DC 1A
Power Supply: 12V DC 1A	<b>Extension Board to Control:</b> 10+16+16+16 Max floors supported 58 floors
Communication to computer: Ethernet, RS485	
Communication to EX16: RS485	
Number of supported EX16 boards: 3	SDK Available
Supporting software: eSSL Bio Security	
<b>Features:</b>	<ul style="list-style-type: none"> <li>• Real-time upload of user access privileges</li> <li>• Real-time event monitoring</li> <li>• User-defined floor access privilege</li> <li>• Fail Safe Mode</li> <li>• Alarms &amp; Events Notifications through email</li> <li>• Supports Video Integration &amp; Visitor management module</li> <li>• Support for all major brands camera</li> <li>• Can be integrated with Fingerprint, Face, RFID readers</li> </ul>



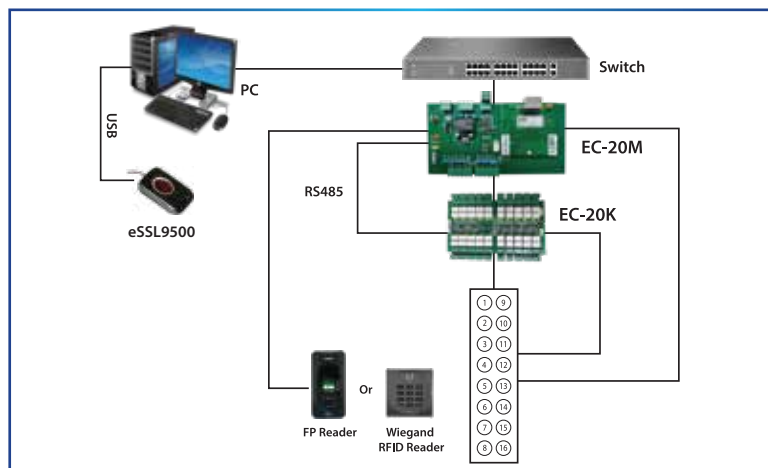
**EC-20M**



**EC-20K**

ELEVATOR CONTROLLER - EC-20M	EXTENSION BOARD - EC-20K
Control floors : 20 floors	Support with EC20M elevator controller, one EC-20M elevator controller mostly can work with 2 EC-20K Extension Board
Card Capacity : 20000	Output : 20 lines for each extension board
Transaction Capacity: 100000	Supporting software: eSSL access management software
PCB size : 164*106mm	PCB board size : 219*115mm
Communication method : TCP/IP	<b>Extension Board to Control:</b> 20+20=40 floors will support
Input : one reader or other biometric devices with wiegand 26 bits/34 bits	
Fire signal input: 1 line	
Power supply : DC 12V	
Supporting software: eSSL access management software	

## Connectivity Diagram



# TRIPOD TURNSTILE

"Your Attendance Solution, One Turn at a Time."



# Heavy Duty Tripod Turnstile

## ET-1000

- Passage width : 550mm
- Dimension excluding bar (LxWxH) : 480 x 280 x 980mm
- Electro - magnetic drive : DC
- Throughput rate : 35 p/m
- Protection level : IP56
- Frequency : 50 ~ 60hz
- Max power consumption : 50W
- Operational voltage : 24V
- Power supply : 100 ~ 240V
- MCBF : 5 Million
- Working temperature : -25°C ~ +70°C
- Integration: Controller and RFID/Fingerprint Readers
- Material Housing : SUS 304
- Semi-Auto mode
- Pure mechanical mode
- Single or Bi-directional function in mechanical and electrical versions
- Automatic reset of barrier arms after each passage
- Single passage in the set direction
- Bi-directional passage
- Free passage( IN /OUT) direction
- Always free or locked Materials



## ET-1200

- Passage width : 550mm
- Dimension Excluding Bar(LxWxH) : 480x560x960mm
- Electro - magnetic drive : DC
- Throughput rate : 35 p/m
- Protection level : IP56
- Frequency : 50 ~ 60hz
- Max power consumption : 50W
- Operational voltage : 24V
- Power supply : 100 ~ 240V
- MCBF : 5 Million
- Working temperature : -25°C ~ +70°C
- Integration : Controller and RFID/Fingerprint Readers
- Material Housing : SUS 304
- Semi-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
- Single or 2 way Bi-directional function in mechanical & electrical versions
- Drop arm



# Heavy Duty Tripod Turnstile

## ET-2000

- Passage width : 550mm
- Dimension Excluding Bar(LxWxH : 1200x280x980 mm)
- Electro - magnetic drive : DC
- Throughput rate : 35 p/m
- Protection level : IP56
- Frequency : 50 ~ 60hz
- Max power consumption : 50W
- Operational voltage : 24V
- Power supply : 100 ~ 240V
- MCBF : 5 Million
- Working temperature : -25°C ~ +70°C
- Integration : Controller and RFID/Fingerprint Readers
- Material Housing : SUS 304
- Opening Signal Input : yes
- Emergency Switch Input : yes
- Direction Indicator Output : yes
- Passing Indicator Output : Yes
- Drop Arm Electromagnet Output : Yes
- Operating Mode : Single way bi directional
- Primary controller : Semi-automatic mode



## HHT-TL-139 -HALF-HEIGHT TURNSTILE

- 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 : 5,000,000 Cycles
- Integration : Controller and RFID/Fingerprint Readers
- Application : Factory, Museum park, Stadium, etc



# FULL HEIGHT TURNSTILE

"One Person, One Entry - Keep Access Controlled"





# Heavy Duty full height Turnstiles

## FHT-TL-537

- Door: Single | Number of Arm: 3 | Pass width : 600mm
- Dimension(L\*W\*H) : 1400\*1300\*2230mm
- Movement : molding full-height turnstile movement
- Sensor : Limited sensor | Indicator Light : Dynamic indicator light
- Drive Unit : Anti-burn solenoid | Control Unit : Main board
- Power Supply : 24V 150W | Power : 50W | MCBF : 5 Million
- Communication Interface : Dry contact & RS485
- Pass rate : 35-50 persons/minute
- Temperature : -20°C~+70°C | Humidity : ≤90% No condensation
- IP : IP4X | Environment : Indoor and outdoor
- With function of opening doors automatically under power-off state to meet the need of fire-fighting passage. With functions of anti-tail, anti-reverse pass and so on;
- With automatic reset function, i.e. after having access to the gate, the gate automatically restores to the locked state if not pass within the time set;
- Compatible with IC, ID card, scanning and face recognition, etc.
- Various working modes are available, including two-way card reading and one-way card reading, etc



## FHT-TL-132

- Door : Single | Number of Arm : 4
- Rotational Direction : One way Bi-Direction
- Size(L\*W\*H) : 1450\*1350\* 2250mm
- Material : SUS304 1.2mm
- Pass width : 600mm | Pass rate : 30p/m |
- Power supply : 24V 150W | Power : 60W
- Input voltage : AC100V~240V, 50/60HZ
- Open Speed : 0.2s
- Protection level : IP56 | MCBF : 5 Million
- Communication Interface : Dry contact/RS485
- Temperature : -20°C~+70°C
- Integration : Controller and RFID/Face/Fingerprint/QR Code Readers



## FHT-TL-232

- Door: Double Door | Number of Arm : 4
- Rotational Direction : Two-way Bi-Direction
- Size(L\*W\*H) : 2200\*1350\*2250mm
- Material : SUS304 1.2mm
- Pass width : 600mm | Pass rate : 30p/m
- Power supply : 24V 150W | Power : 60W
- Input voltage : AC100V~240V, 50/60HZ
- Open Speed : 0.2s
- Protection level : IP56 | MCBF : 5 Million
- Communication Interface : Dry contact/RS485
- Temperature : -20°C~+70°C
- Integration : Controller and RFID/Face/Fingerprint/QR Code Readers



# Heavy Duty full height Turnstiles

## FHT-TL- 139

- Door : Single Door
- Number of Arm : 3
- Rotational Direction : One way Bi-Direction
- Size(L\*W\*H) : 1400\*1200\*2250mm
- Material : SUS304 1.5mm
- Pass width : 550mm
- Power supply : 24V 150W
- Input voltage : AC100V~240V, 50/60HZ
- Power : 60W
- MCBF : 5 Million
- Protection level : IP56
- Pass rate : 35p/m
- Open Speed : Adjustable from 0.5s to 1.5s
- Communication Interface : Dry contact/RS485
- Temperature : -20°C~+70°C
- Integration : Controller and RFID/Face/Fingerprint/QR Code Readers



## FHT-TL-149

- Door : Single
- Number of Arm : 4
- Rotational Direction : One way Bi-Direction
- Size(L\*W\*H) : 1580\*1370\* 2250mm
- Material : SUS304 1.5mm
- Pass width : 550mm
- Power supply : 24V 150W
- Input voltage : AC100V~240V, 50/60HZ
- Power : 60W
- MCBF : 5 Million
- Pass rate : 35p/m
- Open Speed : Adjustable from 0.5s to 1.5s
- Communication Interface : Dry contact/RS485
- Temperature : -20°C~+70°C
- Integration : Controller and RFID/Face/Fingerprint/QR Code Readers



# Heavy Duty full height Turnstiles

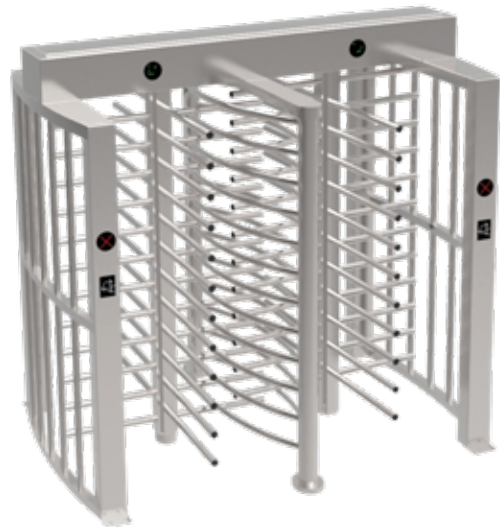
## FHT-TL-239

- Door : Double Door
- Number of Arm : 3
- Rotational Direction : Two-way Bi-Direction
- Size(L\*W\*H) : 2100\*1270\*2250mm
- Material : SUS304 Top T=1.5mm/ body T=1.0mm
- Pass width : 550mm
- Power supply : 24V 150W
- Input voltage : AC100V~240V, 50/60HZ
- Power : 60W
- MCBF : 5 Million
- Protection level : IP56
- Pass rate : 35p/m
- Open Speed : Adjustable from 0.5s to 1.5s
- Communication Interface : Dry contact/RS485
- Temperature : -20°C~+70°C
- Integration : Controller and RFID/Face/Fingerprint/QR Code Readers



## FHT-TL-249

- Door : Double
- Number of Arm : 4
- Rotational Direction : Two way Bi-Direction
- Size(L\*W\*H) : 2100\*1580\* 2310mm
- Material : SUS304 1.5mm
- Pass width : 550mm
- Power supply : 24V 150W
- Input voltage : AC100V~240V, 50/60HZ
- Power : 60W
- MCBF : 5 Million
- Pass rate : 35p/m
- Open Speed : Adjustable from 0.5s to 1.5s
- Communication Interface : Dry contact/RS485
- Temperature : -20°C~+70°C
- Integration : Controller and RFID/Face/  
Fingerprint/QR Code Readers



# FLAP BARRIERS

**Enhance employee security and streamline access  
with our sleek flap barriers**



# Heavy Duty flap Barrier

## FB-E-1000 / FB-E-1200

- Material : 2.0mm SUS304
- Size : 1200x280x980mm
- Sensor pairs : 3 pairs
- Pass rate : 35p/m
- Pass width : 550mm
- Input voltage : 100V~240V
- Motor type : DC brushed motor
- Environment : -20°C~+70°C
- Power supply : 24V 150W
- IP Rating : 56
- MCBF : 5 Million



## FB-E-2000 / FB-E-2200

- Material : SUS304 Stainless Steel
- Size: 1200x280x980mm
- Sensor pairs : 4 pairs
- Pass rate: 35p/m
- Pass width: 550mm
- Power Requirements: 100~240V
- Motor type : DC brushed motor
- IP Rating : 56
- Environment : -28°C to 60°C
- MCBF: 5 Million



## FB-Y-1000/ FB-Y-1200

- Material : 1.2/1.0mm SUS304
- Size : 1400x280x950mm
- Sensor pairs : 6 pairs
- Pass rate : 35p/m
- Pass width : 550mm
- Input voltage : 100V~240V
- Motor type : DC brushless motor
- Environment : -20°C~+70°C
- Power supply : 24V 150W
- IP Rating : 56
- MCBF : 5 Million



# SWING BARRIERS

"Effortless Entry and Smooth Exit for Every User"



# Heavy Duty Swing Barrier

## SB-ES-3218

Size(L\*W\*H) : 600\*130\*980mm | Pass width: 600-900mm  
Material : Top T=3.0mm/ body T=8.0mm  
Arm Material : 8mm clear acrylic  
Power supply : 24V 500W | Input voltage:  
AC100V~240V,50/60HZ  
Drive Unit : DC Brushless motor  
Pass rate : 35-50 persons/minute  
Open Speed : 0.5s/1.5s | Sensor: 6 pairs  
Clutch size :  $\phi$ =80mm | Pilot lamp: RGB light  
Communication mode : RS485  
Noise :  $\leq$ 65dB | IP : IP4X | Environment: Indoor  
Temperature : -20°C~+70°C | Humidity:  $\leq$ 90% No condensation



## SB-ES-3012 | SB-ES-3012-2

- Product Size : 1200 X 185 X 980 mm
- Pass Width : 600mm | 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 : -25 to +70°C
- MCBF : 5,000,000cycles



## SB-ES-3216 | SB-ES-3216-2

- Size(L\*W\*H) : 1400 X 160 X 980 mm
- Fuselage material : Top cover 1.2mm+body 0.9mm 304 brushed plate
- Diaphragm material : 8mm clear acrylic
- Baffle material : 10mm clear acrylic | Pass width : 600-900mm
- Movement : Brushless swing brake integrated movement
- Power supply : 24V 150W | Equipment power : 55W
- Input voltage : AC100V~240V,50/60HZ
- Drive motor : Fengdun DC brushless 90K 30W
- Pass rate : Open 50 people/min; Usually closed 35 people/min
- Speed of opening and closing : Adjustable from 0.5s to 1.5s
- Sensor pairs : 6 pairs | Communication mode : Dry contact
- Pilot lamp : Three color light panel + three color light strip
- Controls : 12V brushless simplified board + electric control box + mesh board box
- Temperature : -20°C~+70°C | Noise :  $\leq$ 65dB
- Humidity :  $\leq$ 90% No condensation | Class of protection : IP4X



# Heavy Duty Swing Barrier

## SB-TL-129

- Passage width (Max) : ≤ 550mm
- Throughput rate : 30 p/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 bars : 800 X 480 X 980 mm
- MCBF : 5000000 cycles
- 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 |Always free or locked



## SB-SPL-310

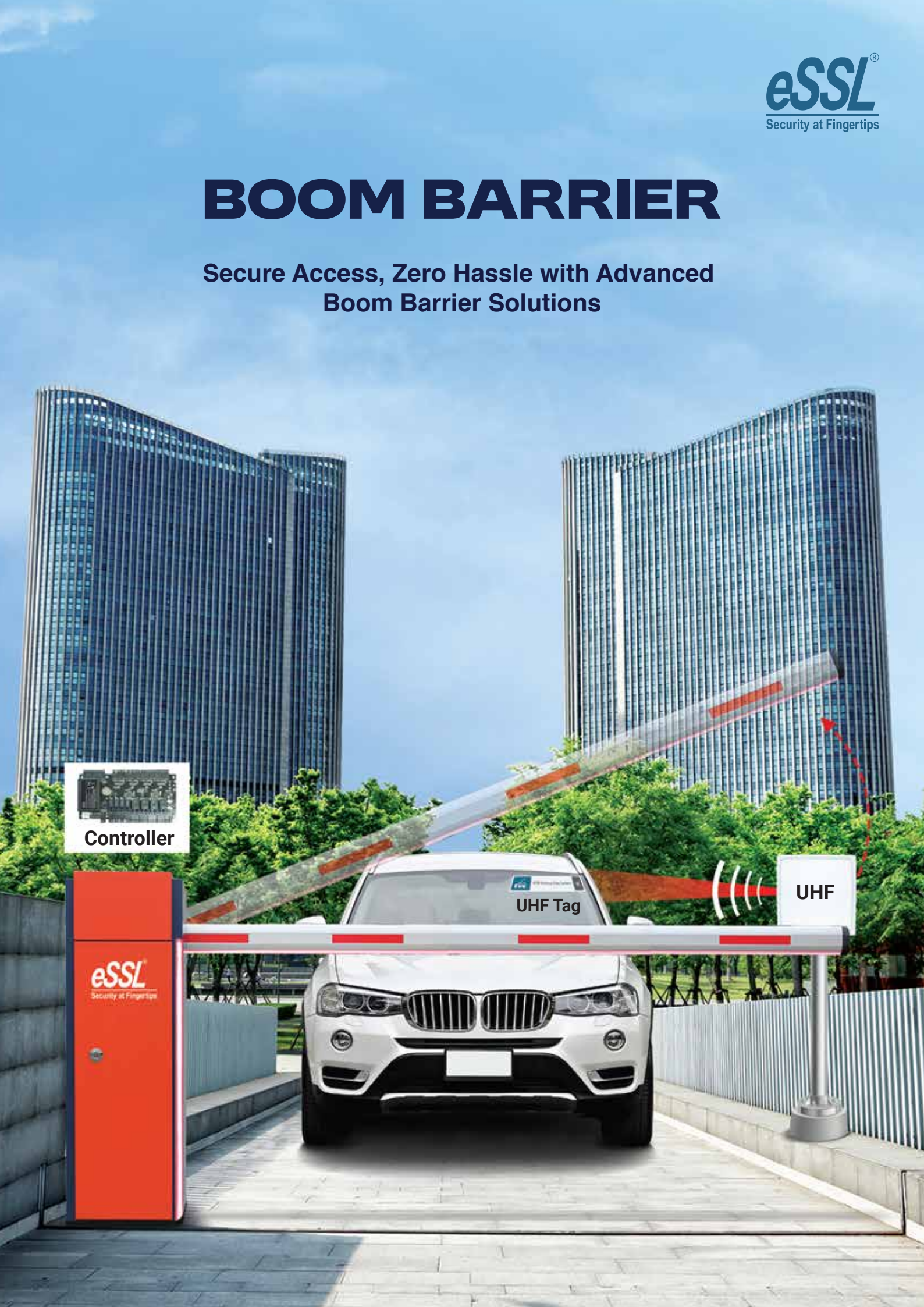
- Product Size : 200 X 200 X 980 mm
- Pass Width : 600mm (Optional : 900mm)
- Thickness : SS 1.2mm
- Housing Material : Stainless Steel 304
- Arm Material : Stainless Steel frame
- Pass Rate : 20-25 Persons/minute
- Power Supply : 100-240V (AC)
- Operational Voltage : 24V (DC)
- Max Power Consumption : 35w
- Frequency : 50-60 Hz
- Working Temperature : -25°C ~ +70°C
- Operating Modes : Bi-directional with Single passage
- Operating Time : 0.2 Seconds
- MCBF : 5000000 cycles





# BOOM BARRIER

Secure Access, Zero Hassle with Advanced  
Boom Barrier Solutions



# Boom Barrier



## BG-SC-300

- Maximum length of Boom : 3M
- Boom Rest Stand : No
- Arm material : Foam arm , cylindrical in shape-(Flying arm)
- Time for Up/down : 3S
- Ingress protection Degree : IP54
- Bumping bounce back : Optional
- Mode : Auto closing time : 1-80s



## BGL-100

- Maximum length of Boom : 5m
- Boom Rest Stand : Yes
- Arm material : Aluminum(with Red & Green LED indication)
- Time for Up/down : 6s
- Ingress protection Degree : IP54
- LED Indicator : Red / Green



## BG100TI

- Maximum length of Boom : 5m (2.5M S + 2.5M B)
- Boom Rest Stand : Yes
- Arm material : Aluminum
- Time for Up/down : 6s
- Ingress protection Degree : IP55
- Auto closing time : 1-99s

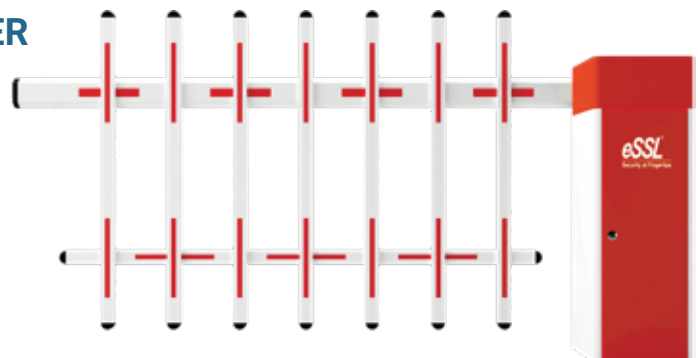


## BG-CM-300

- Product movement: DC brushless
- Working voltage: 24VDC ±5%
- Rated power: 150W
- Working humidity: 10%~90% (non-condensing)
- Operating temperature: -40°C~+60°C
- Protection class: IP54
- Remote control distance: ≤30m
- Landing rod speed: 1 ~ 6s (speed adjustable)
- Brake lever length: 2m

## BG100 TII- FENCING ARM BOOM BARRIER

- Maximum length of Boom : 5M Fencing
- Boom Rest Stand : NO
- Arm material : Aluminum
- Time for Up/down : 6s
- Ingress protection Degree : IP55
- Auto closing time : 1-99s
- MCBF : 30 Lakhs





## BG-BDC-RL-100

- Working Temperature : -30°C~+70°C
- Open/close Speed : 1.5Sec-6Sec
- Rated Power : 160W
- Driving Method : DC Brushless Motor
- Output torque : 56.8N.m
- Remote Control Distance : ≤100m(In open Space)
- Protection Grade : IP54
- Motor No - load Speed : 1850 r/min
- Max Boom Length : 6m
- MCBF : 5 million time



## BG-100 GREY

- Maximum length of Boom : 6m
- Boom Rest Stand : Yes
- Arm material : Aluminum
- Time for Up/down : 6s
- Ingress protection Degree : IP54
- Auto closing time : 1-99s



## BG-108

- Maximum length of Boom : 8m
- Boom Rest Stand : Yes
- Arm material : Aluminum
- Time for Up/down : 8s
- Ingress protection Degree : IP54
- Auto closing time : 1-80s



## BG-S-105

- Maximum length of Boom : 2m
- Boom Rest Stand : No
- Arm material : Aluminum
- Time for Up/down : 2s
- Ingress protection Degree : IP54

## Common Feature

- Input control signal : Dry contact
- Input Interface for : 1. Photocell, 2. Air switch, 3. Loop detector.
- Optional Interface : Access control panel, Standalone access control, Control button
- Remote control : Yes, Upto 25 meters
- Mode : Automatic/Manual
- Output interface : lamp
- Incorporated control panel with 3 push buttons (STOP/UP/Down) to control the motor
- Bumping bounce back : Optional
- SMPS - Input : AC 220V / 110V, 50Hz / 60Hz
- Dimension(mm) : 268 X 348 X 1050
- Operating temperature : -20°C ~ +50°C



**U5**



**U10**

Specifications	U5	U10
Reading Distance	Upto 5 meters	Upto 10 meters
Frequency	902~928MHz, 865~868MHz	
Protocol	ISO18000-6C,EPC G2	
RF power	0~31dBm adjustable	
Sensitivity	-80dBm( 9dBi antenna more than 6m)	-80dBm(12dBi antenna more than 12 m)
Dimension	280 mm×280 mm×68.5 mm	440 mm×440 mm×68.6 mm
Working temperature	-20°C ~ 60°C	
Power supply	DC+9V~+15V	
Processor	ARM CORTEX M3 100M CPU	
Memory	16KB tag data memory and 32KB Nonvolatile storage	
Data Interface	100M Ethernet Interface RS232,RS485, Wiegand 26/34 1 set input and 1 set output (TTL),1 set relay	



**UHF1-Tag1**

- Working Frequency : 860~928MHz
- Reading Distance : Up to 10 m
- Protocol : ISO18000-6C
- Memory Capacity : 800 bits
- Chip UID : 64 bytes
- Data Storage : 5 years (Only for chip)
- Working Temperature : -30°C ~ 55°C
- Storage Temperature : -10°C ~ 40°C
- Storage Humidity : 40%-50% RH
- Dimension : 5mm\*54mm\*0.8mm



**UHF1-Tag4**

- Working Frequency : 60MHz~960MHz
- Reading Distance : Up to 10 m
- Protocol Standard : ISO/IEC 18000-6C, EPC global Class 1 Gen 2
- Chip : Alien H3
- Working Mode : Passive (no battery)
- Data Storage Period : 10 Years
- Working Temperature : 0~60°C
- Storage Humidity : 20%~60% RH
- Dimension : 96.5x23.2 (mm) ±0.5(mm)
- Installation : Stick on the windshield ( Parking Applications )



**UHF1-Tag5**

- Reading Distance: Stable 10m
- Frequency: 860MHz ~ 960MHz
- Chip: The AZ 9654 H3
- Interface Protocol: ISO18000-6C
- Working Temperature: -10°C~ +50°C
- Storage Temperature: -20°C ~ +65°C
- Dimension: 100mm x 23mm

# X-RAY BAGGAGE SCANNER

"Safety Starts with a Clear View."





## EBS-5030A (Single Energy)

### General Specification:

- Tunnel Size : 500 (W) ×300 (H) mm
- Conveyor Speed : 0.22m/s
- Conveyor Max Load : 150 kg
- Single inspection dosage : < 1.32μGy
- Leakage radiation : < 0.06μGy/h
- Wire Resolution : 40 AWG(0.0787mm metal line)
- Steel Penetration : 10mm
- Film Safety : For ISO 1600

### X-ray Generator:

- Orientation : Upward
- Tube Current : 0.4~0.7MA (adjustable)
- Anode voltage : 80KV (adjustable)
- X-ray divergence angle : 60 °
- Generator cooling/working periods : sealed oil bath with forced air/100%
- X-RAY SENSOR : L-shaped array detector, 24bit

### Operating Environment:

- Storage Temperature : -20°C to 60°C
- Operating Temperature : 0°C to 45°
- Relative Humidity : 20 to 95% non-condensing
- System Power : 220 VAC (±10%) 50 ±3HZ
- Power wastage : 1.0 KW (Max)
- Noise : <65DB



## EBS6040C (Dual Energy)

### General Specification:

- Tunnel Size : 600 (W) × 400 (H) mm
- Conveyor Speed : 0.22m/s
- Conveyor Max Load : 150 kg
- Single inspection dosage : < 1.0 $\mu$ Gy
- Leakage radiation : <0.1 $\mu$ Gy/h
- Wire Resolution : 40AWG(0.0787mm metal line)
- Steel Penetration : 39mm
- Film Safety : For ISO 1600

### X-ray GENERATOR:

- Orientation : Upward
- Tube Current : 1.2mA
- Anode voltage : 180KV
- X-ray divergence angle : 80 °
- Generator cooling/working periods : sealed oil bath with forced air/100%
- X-RAY SENSOR : L-shaped array detector, 24bit

### Operating Environment:

- Storage Temperature : -20°C to 60°C
- Operating Temperature : 0°C to 45°C
- Relative Humidity : 20 to 95% non-condensing
- System Power : 220 VAC ( $\pm$ 10%) 50+3HZ
- Power wastage : 1.0 KW (Max)
- Noise : <65DB

# METAL DETECTOR

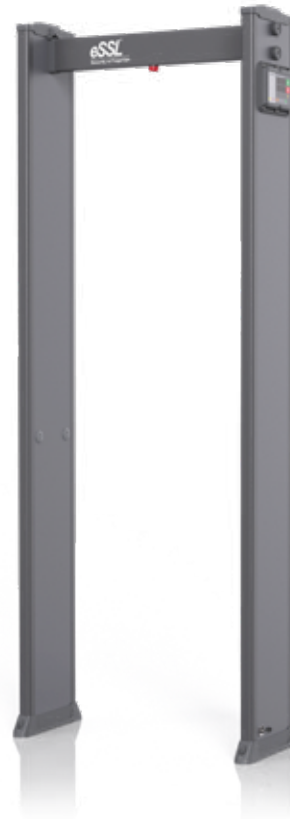
"Where Every Entry Counts from Hidden Threats."





## D270-1-IP54 & D270-9-IP54

- Working principle : Electromagnetic
- Materials : ABS (Acrylonitrile Butadiene styrene) raw materials
- Frequencies : 0-100
- External size : 2165x828x349mm
- Passage size : 2017x720x349mm
- Working humidity : 99%, non-condensing
- Working temperature : -20°C-65°C
- Input : AC 100 V-240 V/ Frequency 50HZ-60HZ
- IP rating : 54 - [Dust proof coating]
- Sensitivity adjustable : 0 - 400
- Volume adjustable : 0 - 50
- Alarm volume : 0 - 3 sec
- Alarm tones : 15 different tone
- Detection : Ferrous metals < 75gm
- High bright new LED digital with zones display
- Infrared sensor for pass count & alarm count
- D270-9-IP54- Support multi zones by selecting 3/6/9



## D270-18-IP54

- Working principle : Electromagnetic
- Materials : ABS (Acrylonitrile Butadiene styrene) raw materials
- Frequencies : 0-100.
- Net weight : 21 KG
- Gross weight : 27 KG
- External size : 2165x828x349mm
- Passage size : 2017x720x349mm
- Working humidity : 99%, non-condensing
- Working temperature : -20°C-65°C
- Input : AC 100 V-240 V/ Frequency 50HZ-60HZ
- Product colour : Matte Black
- IP rating : 54 [Dust proof coating], **Optional IP65**
- Sensitivity adjustable : 0 - 400
- Volume adjustable : 0 - 50
- Alarm volume : 0 - 3 sec
- Alarm tones : 15 different tone
- Detection : Ferrous metals <75gm
- High bright new LED digital with zones display
- Infrared sensor for pass count & alarm count
- D270-18-IP65- Support Multi Zones by selecting 6/12/18 Zones



## D330-18-IP65 & D330-33-IP65

- Working principle : Electromagnetic
- Materials : ABS (Acrylonitrile Butadiene styrene) raw materials
- Frequencies: 0-99.
- External size : 2191x875x446mm
- Passage size : 2007x720x446mm
- Detection : Ferrous metals <75gm
- Distance between 2 DFMD : 850mm
- Working humidity : 99%, non-condensing
- Working temperature : -20°C-65°C
- Input : AC 100 V-240 V/ Frequency 50HZ-60HZ
- Product color : Matte Black
- IP rating : IP65
- Sensitivity adjustable : 0 - 400
- Volume adjustable : 0 - 50
- Alarm volume : 0 - 3 sec
- Alarm tones : 15 different tone
- Detection of metal : Thickness 2mm, length 50mm, Width 20mm
- D330-18-IP65 Support Multi Zones by selecting 6/12/18 Zones
- D330-33-IP65 Support Multi Zones by selecting 11/22/33 Zones
- The sensitivity of the Door can be adjusted between specific doors
- Right/Left, Reset of pass Alarm Counts, Manual Calibration
- 5 Digit 7 Segment Bright Digital LED display\* Integration of Entrance Automation Devices (Turnstile, Flap /Swing Barrier) through Access Controller of IOT board that blocks person with any Prohibited Items
- Infrared sensor for pass count & alarm count.



## D518-63-IP65

- Working Principle : Electromagnetic
- Materials : ABS(Acrylonitrile Butadiene styrene) raw materials
- Frequencies : 0-99.
- External size : 2249x932x715mm
- Passage size : 1987x720x715mm
- Detection : Ferrous metals <75gm
- Distance between 2 DFMD : 850mm
- Working Humidity : 99%,non-condensing
- Working Temperature : -20°C-65°C
- Input : AC100V-240V/Frequency 50HZ-60HZ
- Product Color : Matte Black
- IPrating : IP65
- Sensitivity Adjustable : 0-400
- Volume Adjustable : 0-50
- Alarm Volume : 0-3sec
- Alarm Tones : 15differenttone
- Detection Of Metal : Thickness 2mm,length 50mm,Width 20mm
- Support Multi Zones by selecting 21/42/63 Zones
- The sensitivity of the Door can be adjusted between specific doors Right/Left,
- Reset of pass Alarm Counts, Manual Calibration
- 5 Digit 7 Segment Bright Digital LED display\* Integration of Entrance Automation Devices (Turnstile, Flap /Swing Barrier) through Access Controller of IOT board that blocks person with any Prohibited Items(Optional)
- Infrared sensor for pass count & alarm count.



## D468-6

- Working Principle: Electromagnetic
- Materials: ABS(Acrylonitrile Butadiene styrene) raw materials
- Frequencies:0-99.
- External Size:2203x580x117mm
- Distance between person and door<=30cm
- Working Humidity:99%,non-condensing
- Working Temperature:-20°C-65°C
- Input:AC100V-240V/50HZ-60HZ
- Alarm Tones: 15 different tone
- Input:AC100V-240V/Frequency 50HZ-60HZ
- Product Color: Matte Black
- IPRating:IP54
- Sensitivity adjustable:0-400
- Volume adjustable:0-50
- Alarm vole:0-3sec
- Detection of metal: Thickness 2mm, length 50mm,Width 20mm
- Detection of metal on dual side distance of 600mm
- Support Multi Zones by selecting 3/6 Zones
- The sensitivity of the Door can be adjusted between specific Reset of pass Alarm Counts, Manual Calibration
- 5Digit7Segment Bright Digital LED display\*Integration of Entrance Automation Devices (Turnstile, Flap /Swing Barrier) through Access Controller of IOT board that blocks person with any Prohibited Items (Optional)
- Infrared sensor for pass count & alarm count.



## D4006

- Detection Objects : Prohibited goods such as mobile phone and metal
- In and Out Count : Available
- Display : 6"inch LCD
- Vertical dimension : 2200x850x430mm
- Passage dimension : 2000x720x430mm
- Working Humidity : 99%, no condensation
- Working Environment : -20°C~85°C
- Input : AC 100V~240V / 50HZ~60HZ
- Output : DC 12V/4.2A 12W
- Adaptive Diagnosis System : Automatic
- Sensitivity of each zone : 0~255
- Working Frequency : 0~100
- Special Material High-intensity & lightweight
- Production line assembling | Ultra High Precision
- Door Panel Width : 430mm
- Self-adaptive Adjust System | Adaptive Diagnosis System
- High Precision Detection



# Handheld Metal detector



## HM100180

- Product size : 415mm x 85mm x 45mm
- Package Size : 520mm x 100mm x 50mm
- Working frequency : 0~25 KHz
- Net weight : 400gm
- Power supply : Standard 6F22/15F8H
- 9V battery or rechargeable battery
- Temperature : -15°C to +55°C
- Detection Range : Pin : 25–70mm ; Type 64 pistol: 0–350mm; Six- inch dagger 200–300mm; 20mm diameter steel balls 150mm; One ₹ coin 120–180 mm; TF card, staples, 8-pin chip 10–40 mm;



## HM520PRO

- Measurement : 286mm(L) \* 64mm(W) \* 34mm (H)
- Operating Frequency : 25Khz
- Power Consumption : 60mw
- Voltage : 2.4v-3.5v
- Operational Current : 100-200ma
- Battery Type : 9V 6F22 Battery
- Standby Current : 25ma
- Charging Time : >10H
- Working Hours : 40H
- Working Temperature : -25°C - 60°C
- Texture of wood : ABS

## eSS05 Shoes Scanner

### Technical Parameters:

- Size: 9.533\*420\*175mm (L\*W\*H)
- Power supply: Type-c interface, 5V power supply
- Battery function: built-in 5000ma battery
- Detection area: inside shoes
- Alarm indicator light: green flashing when no metal is detected, red flashing when metal is detected (independent alarm lights for left and right shoe)
- Control four buttons: PROG, UP, DOWN, and ENTER
- Safety features: waterproof, anti-slip
- Alarm mode: Sound and Light alarm
- Detection objects: blades, clips, miniature pistols, detonators, lighters and other dangerous objects.



### Function:

- Can be used in conjunction with walk through metal detector and hand-held metal detectors for efficient and comprehensive security checks.
- High-sensitivity detection (can detect ₹1 coins within a height of 15± cm)
- Strong anti-interference ability (the frequency of use is adjustable and does not interfere with the security gate), and alarms for distinguishing the amount of metal (The greater the amount of metal, the higher the alarm frequency)
- Passenger security checks at airports, stations, customs, electronic factories, factories, etc.

**Note:** The installation environment must be placed on a flat floor to prevent false alarm.

# TYRE KILLER



# BOLLARDS



## HB-426 (Hydraulic Bollard)

- Working power supply : AC220V
- Drive mode : Electromechanical and hydraulic electrical integration
- Working temperature : -30°C ~ + 55°C
- Protection class : IP68 | Running speed : 4S
- Emergency mode : manual up and down/battery up and down (optional)
- Maximum thrust : 200Kg
- Column height : 600mm (customizable 800mm to 1000mm)
- Cylinder diameter: 220mm (can be customized 270mm)
- Column wall thickness : 6, 8, 10mm
- Cylinder material : 304 stainless steel tube
- Foundation box material : Q235
- Anti-corrosion process : electrophoresis + plastic spraying
- Maximum passing pressure: 50T
- Reflective warning : 3M reflective -1m (50mm wide)
- Warning light : LED lamp beads (standard configuration)
- anti-collision rubber coating + LED light strip (optional)



## HBC-600

### Hydraulic Bollards Control HBC-600

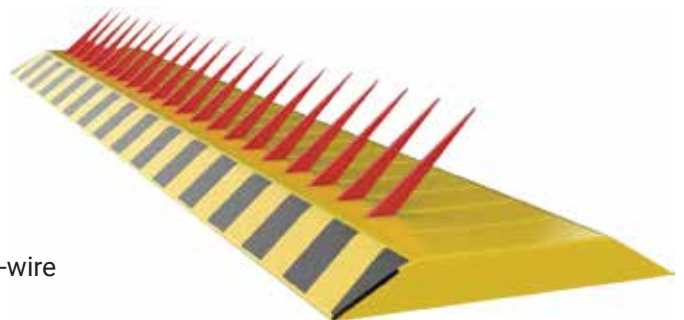
- No of Bollards: 6no | Input power: AC 220V
- Output voltage: DC36V | Working temperature: -300~550
- Protection class; IP54 | Remote control distance: ≥50 meters
- Control quantity: one for two/one for four/one for six
- Control mode: remote control/manual button box/remote control
- System interface: ground sense coil, infrared sensor, TCP/IP interface



## TYRE KILLER

### TK-600

- Material : A3 Steel (carbon steel)
- Length : 6 Meters (Optional 3m, 4m, 5m)
- 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
- Dimension : 4000 x 550 x 80 mm



# Sliding Gate Motor

## eSSL-HG-1500

- Power supply : 220V AC 50Hz / 110V 60Hz
- Motor power : 450W
- Motor rotational speed : 1400r/min
- Reduce ratio : 30:1
- Max. door weight : 1500Kg
- Magnetic limit switch or Mechanical limit switch
- Aluminum 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.



## 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 : 25.4mm
- Motor Speed : 22r/min | Scope of application : <25m<sup>2</sup>



### 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 : 433 MHz
- Output aperture : 25.4 mm
- Motor Speed : 22r/min | Scope of application : <25m<sup>2</sup>



# SMART DOOR LOCK

"Your Fingerprint is Your Key."



**FL-100**



**FL-200**



**FL-300**



Fingerprint



Manual Key



Password



Mifare Card



Battery: 4AA



Mobile app



Home



Office

Product	FL-100	FL-200	FL-300
Fingerprint Capacity	100	100	100
Mifare Card Capacity	99	100	99
Password Capacity	30	100	30
Door Thickness	35 mm to 90 mm		
Battery	4 AA		
Emergency Power	Like 5 V Micro USB		





## GL400

### Technical Specification:

- Unlocking mode : Fingerprint, Card, Password, Key, Mobile app
- Fingerprint capacity : 100
- Password : 100
- Card capacity : 100
- Power supply : 4pcs AA battery
- Recognition speed : 0.5s
- Emergency power supply : Micro USB
- Use For : Frameless glass doors.
- Recognition error :  $\leq 0.0001\%$
- Front panel and rear panel material: Aluminum Alloy
- Working temperature :  $-10 \sim +55^{\circ}\text{C}$
- Working humidity :  $0 \sim 90\%$



# HOTEL LOCK

Enhancing Guest Comfort!



Card



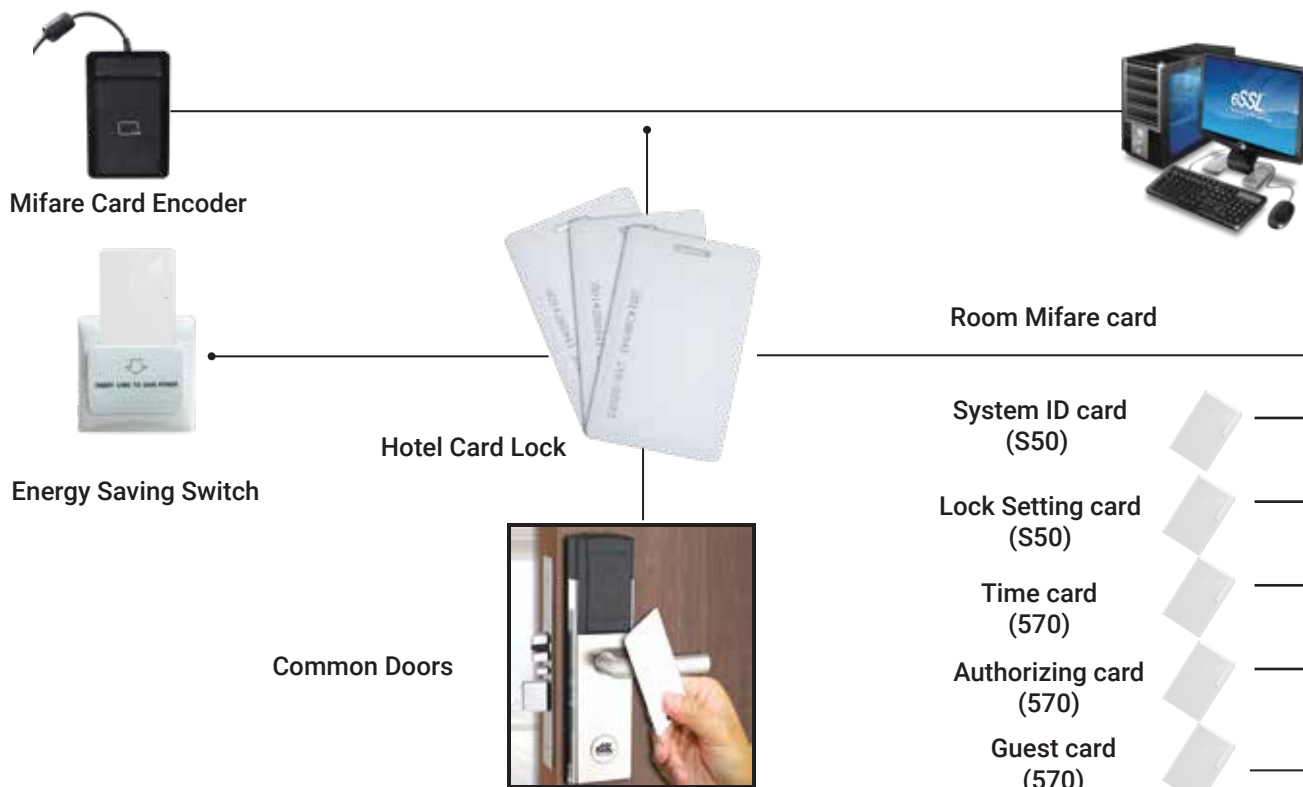
Manual key



Battery



Stainless steel Body





**HL100**



**HL200**

Features	HL100	HL200
Power	4 x 1.5V AA alkaline batteries	4 x 1.5V AA alkaline batteries
Battery Location	Inside of the back lock	Inside of the back lock
Lock Body	Stainless steel quality SUS304	Stainless steel quality SUS304
Metal Finishes	Silver, Matte Black	Silver , Matte Black
Emergency Opening Options	Emergency Opening with Mechanical cylinder	Emergency Opening with Mechanical cylinder
Locking Mechanism	Electro-mechanical locking mechanism	Electro-mechanical locking mechanism
Door Thickness	35-80mm	35-65mm
System Software Compatibility	BIS Hotel	BIS Hotel
Storage Temperature	Workable -20°C - 60°C : Non-condensing environment	-40°C~80°C,non-condensing environment
Tested Operating Temperature	Tested from -25°C - 70°C	Tested from :-20°C~66°C
Supported RFID Standard	13.56MHz technology - ISO 14443 A (MIFARE Classic)	13.56MHz technology - ISO 14443 A (MIFARE Classic)

## Handheld Service Unit for HL 100

- Dimensions(LxWxD) : 155 x 80 x 28 mm
- Voltage: 6V DC
- Battery capacity: Minimum operating time : 15 hours
- Minimum standby time : 90 hours
- Type of batteries: 4 AA alkaline batteries - 1.5V
- Operation temperature: -10°C to 60°C
- Storage temperature: -30°C to 75°C
- Humidity resistance: 20% to 95% non-condensing
- Connector : USB type B



## Energy Saving Switch

- Card Type : Mifare Card Only | Frequency : 13.56Mhz
- Working Voltage : AC220V | Working Temperature: -10°C -60°C
- Load Working Current : 30 A | Internal agreement: RS485
- Static Power Consumption: < 0.6W



## RFID Encoder and Updater

- Protocol : USB HID Keyboard Class
- Connector Type : Standard Type A
- Power source : From USB port
- Speed : USB Full Speed (12Mbps)
- Supply Current : 5V | Supply Current : Max.200 mA
- Cable Length : 2.0m, Fixed
- Dimensions : 120.5mm (L) 72.0 mm (w) X 20.4 mm (H)
- Color : Black | LED : 2 single-color : Red and Green
- Buzzer : Monotone | MTBF : 500,000 hrs
- Temperature : 0°C-60°C | Humidity: Max. 90%(non-condensing)



## S50 / S70 Hotel Lock Mifare Cards

- Contactless transmission of data and supply energy (no battery needed)
- Operating distance : Up to 100mm (depending on antenna geometry)
- Operating frequency : 13.56 MHz
- Fast data transfer : 106 kbit/s
- High data integrity : 16 Bit CRC, parity, bit coding, bit counting
- True anti-collision
- Typical ticketing transaction : < 100 ms (including backup management)
- Used For : Time card , Authorizing Card and Query Card, Terminating Card



## SAFE-101-SAFE LOCK

- Lock Type : Password and Manual Key
- Product size (HxWxD mm) : 250\*350\*250
- Body/Door (mm) : 2/4
- Volume : 15 Ltr
- Finish : Black sand texture
- Locking bolts :  $\varnothing$ 20mm 2 active bolt
- Shelving : 0
- Interior : Grey foam at bottom



## SAFE-201-SAFE LOCK

- Lock Type : Password and Manual Key
- Product size (HxWxD mm) : 419\*350\*330
- Body/Door (mm) : 2/4
- Volume : 35 Ltr
- Finish : Black sand texture
- Locking bolts :  $\varnothing$ 20mm 2 active bolt
- Shelving : 1
- Interior : Grey foam at bottom



## SAFE-301-SAFE LOCK

- Lock Type : Electronic lock + Override key  
Auto opening
- Product size (HxWxD 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





FR1200



KR503E/M  
(RS 485)



No Touch



Push Button



JS500e



KR 500-E/M  
(wiegand)

L-Bracket



U-Bracket



ZL-Bracket



Bracket



EM-Lock



Drop Bolt-Lock



Strike-Lock



Auto Feedback Lock



STRL50-2



Glass Door Bolt Lock



Power Supply UPS



Power Supply UPS



RFID/  
Smart Card



Key Tag



MIFARE reader/  
Writer with SDK



Thin Card  
ISO Format : 125KHz



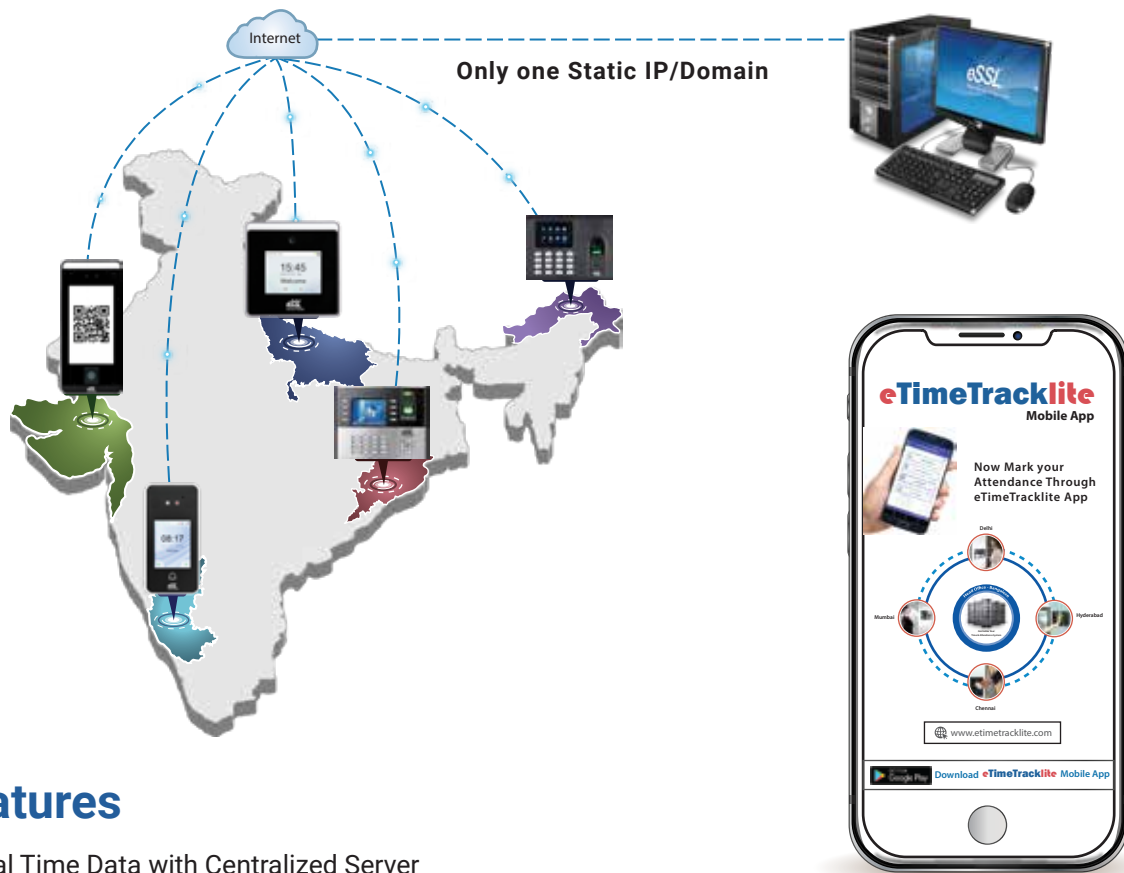
Thick Card  
ISO Format : 125KHz

# OUR CLIENT



# eTimeTracklite Cloud

Centralised Time & Attendance System



## Features

1. Real Time Data with Centralized Server
2. Dashboard
3. Shift Management
4. Leave Management
5. Parallel Database Export
6. Canteen Management
7. MIS Report
8. SMS Features
9. Email Notification(Memos)
10. Master Slave Device
11. ESS(Employee Self Service)
12. WEB API



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3. eSSL do not support end user directly, if they want support charges will be applicable



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