- **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
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. Mobile Apps
   - Carry your support desk with you wherever you go, with the free eSSL helpdesk Android app

4. Training
   - Online Training → Training at Branch

www.esslservices.com/support | Email : services@esslsecurity.com
Multi-Biometric Time Attendance & Access Control System

G3 Plus
Fingerprint Capacity: 5,000
Face Capacity: 3,000 (1:N) 4,000 (1:1)
Card Capacity: 10,000
Transaction Storage: 1,00,000
Communication: TCP/IP, USB Host, Wiegand Output
Access Control Interface: Lock Relay Output
Alarm Output, Exit Button, Door Sensor, External Bell
Hardware: 1.2GHz High Speed CPU
Memory 128MB RAM / 256MB Flash
SilkID Fingerprint Sensor
4.3 Inches Touch Screen
Hi-Fi Voice & Indicator Tamper Switch Alarm
Standard Functions: ID Card / Work Code / Push data
DST / SMS / Bell Schedule, Attendance Status Auto-Switch
Record Query / Photo ID

G3-H
Fingerprint Capacity: 10,000(1:N)
Face Capacity: 6,000 (1:N)/10,000 (1:1)
Card Capacity: 10,000
Transaction Capacity: 10,00,000
Optional
Fingerprints: 50,000(1:N)
Faces: 3,000(1:N) 30,000(1:1)
Cards: 50,000
Transactions: 10,00,000
Communication: TCP/IP, USB Host, Wiegand Output
Display: 4.3 inch Touch Screen
CPU: 1.2GHz
Memory: 1GB RAM/1GB Flash
SilkID Fingerprint Sensor
Hi-Fi Voice & Indicator Tamper Switch Alarm
Standard Functions: ID Card/Work Code/WDMS,DST/SMS/Bell Schedule,
Attendance Status Auto-Switch,Record Query/Photo ID
WL20
Fingerprint Capacity: 1,000
Finger Algorithm: Finger VX10.0
Record Capacity: 50,000
Display: 2.8-inch TFT Screen
Communication: Wi-Fi, USB-Host, USB-Client
Standard Functions: SSR, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 Input, 9 digit user ID

F22
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
Operating Temperature: 0 °C ~ 45 °C
Dimension (LxWxH): 158.5x78.0x19.4mm
Operating Humidity: 20%-80%

E9C Wi-Fi
User Capacity: 10,000
Fingerprint Capacity: 3,000
Card Capacity: 10,000
Transactions Capacity: 1,00,000
Display: 2.8" Color TFT
Communication: USB-host, TCP/IP, Wi-Fi
Push Data: Standard
Standard Features: DLST, Automatic Status Switch, Self Service Query
Power Supply: 5V DC, 2 A
Operating Temperature: 0 °C ~ 45 °C
Operating Humidity: 20% - 80%
**Countertop Time Attendance System**

**D2 Wi-Fi**

- User Capacity: 1,000
- Fingerprint Capacity: 1,000
- Record Capacity: 50,000
- LCD: 2.8" Color LCD
- Sound: 24-bit
- Wi-Fi: WLAN / Hot Spot
- USB: USB 2.0 (Host)
- Push Data: Yes
- Automatic Status Switch, Self-Service Query, SSR, DST, T9 Input, 9 Digit User ID, Scheduled Bell, Push Data
- Power: DC 5V --- 2A
- Operating Temp: 0 °C - 45 °C
- Operating Humidity: 20% - 80%
- Battery: 4,000 mAh
- Dimensions (in mm): (L)170.0 x (W)84.0 x (H)84.9

**Fingeverin Time Attendance & Access Control**

**FV18**

- Fingerprint Capacity: 1,000
- Vein Capacity: 1,000
- Card Capacity: 5,000
- Transaction Storage: 1,00,000
- Sensor: Finger vein Sensor
- Algorithm Version: FingerVX10.0, FingerVein3.0
- Communication: USB-Host, TCP/IP
- Access Control Interface: 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell
- Wiegand: In & Out
- Aux. Input: 1ea for linkage function
- Standard function: DST, Record Query, Anti-passback
- Power Supply: 12VDC, 3A
- Power Temperature: 0°C- 45°C
- Operating Humidity: 20%-80%
- Dimension (LxWxH): 210.9x80.1x96mm
Palm Based Time Attendance & Access Control System

P160
- Display: 2.8-inch TFT Color Display
- Palm Capacity: 600 (Standard)
- Fingerprint Capacity: 3,000
- ID Card Capacity: 10,000 (Optional)
- Logs Capacity: 1,00,000
- Communication: TCP/IP, USB-Host, Wi-Fi
- Standard Functions: Automatic Status Switch, Self-Service Query, Work Code, T9 Input, 9 Digit User
- ID, DST, Scheduled-bell, SMS, RS232 Printer
- AC module 1: Exit Button, Door Lock, Alarm, 12V OUT, AUX IN
- Optional Function: ID Card, MIFARE Card
- AC module 2: Exit Button, Door Lock, Alarm, 12V OUT, AUX IN, Door Sensor, RS485, Wiegand IN/OUT, POE, 3G, Battery Module, ADMS
- Power Supply: 12V 1.5A
- Verification Speed: ≤1 sec
- Operating Temperature: 0°C - 45°C
- Operating Humidity: 20% - 80%
- Dimensions: 179.95 x 134.94 x 38.5 mm

Hybrid Biometrics Smart Tablet

HB-510
- CPU: Quad core 64 bit Cortex A53 1.3GHZ
- RAM: 2GB
- ROM: 16G
- Display: 5 inch IPS HD screen Corning gorilla touch screen
- Image Resolution: 720*1280 pixel
- Camera: Rear 8 million pixels, comes with flash, auto focus
- Operating System: Android 7.0
- Communication: Wi-Fi, 4G, Bluetooth 4.0
- Interface Socket: USB2.0
- LED Indicator: Yes
- Loudspeaker: Yes
- Power Consumption: 5V 2A
- Battery: 4500mAh Li-polymer
- Operating Environment: 0~+50 °C; 90% r.h.
- Dimension (LxWxH): 170x85x23mm(±2mm)
Long Distance Face Recognition System with Android Smart Device

**uFace WG100**

- Face Capacities: 5,000
- User Capacities: 5,000
- Record Capacities: 1,00,000
- Communication: TCP/IP, WIFI, USB Host
- Screen Dimension: 43-inch touchscreen
- Effective Response Area: 950(V)mm X 535mm(H)
- Aspect Ratio: 16:9
- Screen Brightness: 300cd/m²
- Operation System: Android 7.1.2
- CPU: RK3399
- ROM: 32GB | RAM: DDR3 4GB
- Frequency: 2.0 Ghz
- Power Supply: AC110-240V
- Colors: Gold, silver, black, white or other customized colors
- Operation Humidity: 10%-98%
- Operation Temperature: 10°C to +50°C
- Dimension in mm: 1787 x 603 x 30
- Gross Weight: 47.5 Kg

**Features**

- Multi-language
- 5,000 Face
- An advertising player
- Advanced and user-friendly UI
- Fast verification; recognition distance of 1-5 meters; simultaneous dynamic recognition of 3-5 people
- Support TCP/IP WIFI USB Host
- Enhanced security level of verification with the ability of identification of whether faces detected are actual faces or photos
- One facial template registered for one user only

**Supports**

- USB
- WiFi
- TCP/IP

Disclaimer: Specifications can be changed without prior notice. Visit us at: www.esslsecurity.com
Dual Energy X-ray Inspection System

**Specifications**

- **Tunnel Size**: W660mm × H510mm | Speed : 0.20 m/s
- **Height of Transmission Belt**: 1300 mm
- **Maximum Load**: ≤180 kg (Adequate distribution)
- **Wire Resolution**: 40 AWG (0.0787mm metal wire)
- **Space Definition**: Horizontal Φ1.0mm \ Vertical Φ2.0mm
- **Penetration Definition**: 34 AWG
- **Penetration**: 38mm Steel board | Monitor : 17 inch LED
- **System Function**: High density alarm, Explosive/Drug auxiliary detect, TIP, Luggage counter, System running timer, X-ray emitting timer, Training, 64 times continuous zoom in
- **Film Safety**: ASA/ISO1600 standard of film safety

**X-ray System**

- **Tube Voltage**: 150 Kv
- **Cooling**: Seal oil cooling / 100%
- **Single Inspection Dosage Rate**: ≤1.0 μ Gy
- **Radiation Leak Dosage**: 0.1 μ Gy/h (5cm from the surface)

**Installation Specification**

- **Package Size**: L2200mm × W1135mm × H1515mm
- **Console Desk Size**: L830mm × W800mm × H1330mm
- **Package Weight**: 680KG+105KG (Console desk)
- **Power Consumption**: 1 kVA
- **Noise**: 53.8 dB(A)
**eSSL® Security at Fingertips**

**Baggage Scanner**

### Single Energy X-ray Inspection System

**Specifications**
- **Tunnel Size**: 507mm (W) x 305mm (H)
- **Speed**: 0.20m/s
- **Height of Transmission Belt**: 1000mm
- **Maximum Load**: ≤120kg (Adequate distribution)
- **Wire Resolution**: 34AWG (0.16mm metal wire)
- **Space Definition**: Horizontal Ø1.0mm Vertical Ø2.0mm
- **Penetrate Definition**: 32AWG
- **Penetration**: 8mm Steel board
- **Monitor**: 17inch LED
- **System Function**: High density alarm, TIP, Luggage counter, System running timer, X-ray emitting timer, System maintainance, Training, 64 times continuous zoom in
- **Optional Function**: Video surveillance system, Bidirection scan, Electrical weighing system, Energy saving mode, Ultrasonic rat repellent
- **Film Safety**: ASA/ISO1600 standard of film safety

### Dual Energy X-ray Inspection System

**Specifications**
- **Tunnel Size**: 507mm (W) x 305mm (H)
- **Speed**: 0.20 m/s
- **Height of Transmission Belt**: 1000 mm
- **Maximum Load**: ≤120 kg (Adequate distribution)
- **Wire Resolution**: 38 AWG (0.1mm metal wire)
- **Space Definition**: Horizontal Ø1.0mm Vertical Ø2.0mm
- **Penetrate Definition**: 32 AWG
- **Penetration**: 32mm Steel board
- **Monitor**: 17 inch LED
- **System Function**: High density alarm, Explosive/Drug auxiliary detect, TIP, Luggage counter, System running timer, X-ray emitting timer, Training, 64 times continuous zoom in
- **Optional Function**: Video surveillance system, Bidirection scan, Electrical weighing system, Energy saving mode, Ultrasonic rat repellent
- **Film Safety**: ASA/ISO1600 standard of film safety

### X-ray System

**Single Energy**
- **Rad. Emitter**: 80kV
- **Cooling System**: Seal oil cooling / 100%
- **Single Inspection Dosage Rate**: ≤1.0µ Gy
- **Rad. Leak Dosage**: 0.1µ Gy/h (5cm from the surface)

**Dual Energy**
- **Rad. Emitter**: 140kV
- **Cooling System**: Seal oil cooling / 100%
- **Single Inspection Dosage Rate**: ≤1.0 µ Gy
- **Rad. Leak Dosage**: 0.1 µ Gy/h (5cm from the surface)

### Installation Specification

**Single Energy**
- **Package Size**: L1900mm x W990mm x H1320mm
- **Weight**: 410KG
- **Power Consumption**: 1kVA
- **Noise**: 53.8dB(A)

**Dual Energy**
- **Package Size**: L1990mm x W990mm x H1320mm
- **Package Weight**: 450 KG
- **Power Consumption**: 1 kVA
- **Noise**: 53.8dB(A)

Disclaimer: Specifications can be changed without prior notice.
Visit us at: www.esslsecurity.com
Metal Detector

18 Zones Standard: Walk Through Metal Detector

D2180S | D3180S

Power Supply: AC100 V-240 V
Working temperature: -20°C to +50°C
Working Frequency: 4KHZ—8KHZ
Standard External size: 2200mm(H)X800mm(W)X580mm(D)
Standard Internal size: 2010mm(H)X700mm(W)X500mm(D)
Package size for door panels: 2260*650*260mm *1ctn
Package size for control unit: 780*390*250 mm*1ctn
Gross weight: 70KG

Features

• Eighteen mutual over-lapping detecting zones,
  Simultaneous alarm from multi- zones;
• Small LCD screen, English operating software, easy to operate.
• Sensitivity adjustable: Each zone has 256 sensitivity level
• Sound & LED alarm: Both Side LED indicator,
  easily show where the metal is.
• Automatically count passengers and alarm times
• Alarm strength indicator on control panel
• Password protection, only the authorized person can operate.
• Easy assembly: designed with only 2 pieces cables and 8 screws,
  simply-to-follow instruction.
• Harmless to human body: is harmless with heart pacemaker,
  pregnant women, magnetic floppy, recording tapes, etc.
• Using high density fireproof material
• Program Self-diagnostic when power on, no need initial or periodic calibration
• Modularization design, easy for maintenance and replacement.
• 4-8 hours backup battery (Option)

Applications:

- Exhibition Center
- Bank
- Electronic Factory
- Hotel
- Government office

Table:

<table>
<thead>
<tr>
<th>Model</th>
<th>Display</th>
<th>Detecting Zones</th>
<th>Sensitivity Level</th>
<th>Infrared Remote Control</th>
<th>Dimensions (HxWxD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D2180S</td>
<td>3.7 inch LCD</td>
<td>18</td>
<td>256</td>
<td>X</td>
<td>2000x700x605</td>
</tr>
<tr>
<td>D3180S</td>
<td>5.7 inch LCD</td>
<td>18</td>
<td>256</td>
<td>✓</td>
<td>2000x700x605</td>
</tr>
</tbody>
</table>
Metal Detector

D1065S
- Six mutual over-lapping detecting zones,
  Simultaneous alarm from multi-zones;
- Sensitivity adjustable: Each zone has 100 sensitivity level
- Sound & LED alarm: Both Side LED indicator, easily show where the metal is.
- Automatically count passengers and alarm times
- Alarm strength indicator on control panel
- Password protection, only the authorized person can operate.

D1010S
- Count statistics of alarms and people
- 100 adjustable sensitivity levels
- Excellent anti-interference
- Harmless to human body
- Alarm strength indicator
- Program Self-diagnostic
- Single detection zone
- Password protection
- Fireproof material
- Sound alarm

Hand Held Metal Detector
D108
Dimension: 345(L) X 69(W) X 25(H) mm
Power Voltage: 9V Rechargeable Battery
Operating Voltage: 7V-12V
Operating Current: <5mA
Alarm Terms: Sound & light alarm / Vibration & Light Alarm
Alarm Sound: ≥75dB(A)
Operation Frequency: 22KHz

D100S
Dimension: 410(L) X 85(W) X 45(H) mm
Power Voltage: Standard 9V battery (optional)
Operating Voltage: 7V-9V / Operating Current: <50mA
Alarm terms: sound (vibration) & light alarm simultaneously
Waterproof: IP31 | Alarm Sound: ≥75dB(A)
Operation Frequency: 40KHz

HHMD prevents:
- Knife
- Cellphone
- Battery
- Lighter
- Paper Clips
- Coins
- Staple Pins

Disclaimer: Specifications can be changed without prior notice. Visit us at: www.esslsecurity.com
Tyre Killer

**TK-300**
Application range: Intersection safe protection in main area
Material: A3 Steel
Length: 3 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**
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

Disclaimer: Specifications can be changed without prior notice.
Visit us at: www.esslsecurity.com
**INTRODUCING**

**HYDRAULIC BOLLARD**

**HB-273**

- **Bollard height:** 900mm
- **Lift height:** 600 mm (Customized: 400 ~ 900mm)
- **Bollard diameter:** 273 mm | **Thickness:** 6 mm
- **Protection grade:** IP68
- **System dynamic power (w):** 3.75 KW / 380 V
- **Rising time:** 1 ~ 6 s (adjustable)
- **Dropping time:** 1 ~ 6 s (adjustable)
- **Working temperature:** 25º ~ 70º
- **Storage environment:** -30º ~ 75º
- **Control mode (optional):** remote control, manual, reading card, access control and Loop Detector etc.,
- **Weight:** +150 - 200 kg | **System control:** Hydraulic and electric control
- **Pressure bearing:** 80 tons container truck.
- **Anti-collision levels:** K8 | **Material:** Stainless steel 304, 316 stainless steel (optional)

**RB-219**

- **Material:** 304 Stainless steel
- **Thickness:** 3/6mm
- **Ambient temperature:** -25ºC ~ 70ºC
- **Enclosure rate:** IP68
- **Cylinder:** 219mm with 3M reflective stripe
- **Height above ground:** 600mm
- **Dimension:** 219mm X 745mm

Disclaimer: Specifications can be changed without prior notice.
Visit us at: www.esslsecurity.com
World's leading Time & Attendance Software

Features:
Real Time Data with Centralized Server
Shift Management
Leave Management
Parallel Database Export
MIS Report
SMS Features
Mail Setting
ESS (Employee Self Service)

www.etimettracklite.com
Standalone Fingerprint
Time Attendance & Access Control System

**X990**
Fingerprints Capacity : 10,000
Card Capacity : 10,000
Transactions Capacity : 1,000,000
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 : Wifi, GPRS, GPRS+ GPS)

**Iclock 990**
User Capacity : 40,000
Fingerprint Capacity : 40,000
Card Capacity : 40,000
Transactions Capacity : 8,000,000
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 : Wifi, GPRS)

**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
Multi-Biometric Time Attendance & Access Control System

**uFace 602**
Face Capacity: 1,200 (1:N); 3,000 (1:1)
Fingerprint Capacity: 2,000 (Optional 4,000)
Card Storage: 10,000
Transaction Storage: 1,00,000
Card Reader: Yes | CPU: 1.0GHz
Fingerprint Sensor: 500 DPI
Optical Sensor FAR: <=0.000 1% I FRR: <= 1%
Display: 4.3-Inch Touch Screen
Communication: TCP/IP, RS232/485, USB Host
(Optional: Wifi, GPRS)
Push Data: Yes

**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%

**uFace 302**
Face capacity: 3,000
Fingerprint 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

Disclaimer: Specifications can be changed without prior notice.
Visit us at: www.esslsecurity.com
Face & Finger Time Attendance & Access Control System

**MB 160**
- Face Capacity: 1,000
- Fingerprint Capacity: 2,000
- ID Card Capacity: 2,000
- Transaction Capacity: 1,000,000
- Push Data: Yes
- Display: 2.8-inch TFT Screen
- Communication: TCP/IP, USB-Host

**SilkBio-101TC**
- Face Capacity: 2,000
- Fingerprint Capacity: 3,000
- ID Card Capacity: 3,000
- Transaction Capacity: 1,000,000
- 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 FP-101TA**
- Fingerprint Capacity: 3,000
- ID Card Capacity: 10,000
- Transaction Capacity: 1,000,000
- Display: 2.8-inch TFT Screen
- Communication: TCP/IP, USB(Host & Client)
- Push Data: Yes
- Standard Functions: Work Code, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 Input, 9 digit user ID, Photo ID
- Power Supply: DC 5V, 0.8A

Disclaimer: Specifications can be changed without prior notice.
Visit us at: www.esslsecurity.com
Single Door RFID Based Access Controller

**SA31-E**
- Card Storage: 1000 users
- Operating Voltage: DC 12V +10%
- Operating Current: <100mA
- Card Type (alternative): EM(ID) card (IC card for options)
- Access by: RFID
- Card Reading Distance: 1 - 15CM

**SA32-E**
- Card Storage: 1000 users
- Operating Voltage: DC 12V +10%
- Operating Current: <100mA
- Card Type (alternative): EM(ID) card (IC card for options)
- Access by: Card, Pin or Card + PIN
- Card Reading Distance: 1 - 15CM

**SA33-E**
- Card Storage: 1000 users
- Card Type (alternative): EM(ID) card (IC card for options)
- Access by: Card, Pin or Card + PIN
- Support: RFID & Exit Button
- Bell, Touch Key Pad
- Card reading distance EM: 1-15CM, MF1: 1-7CM

**SA521 (IP68)**
- User Capacity: 2000
- Waterproof, conforms to IP68
- Strong Zinc Alloy Electroplated anti-vandal case
- Supports: Card, PIN, Card + PIN
- Wiegand 26 input for connection to external reader
- Connection: Electric Lock, exit Button, External Alarm, External Reader

**UHF RFID Reader**

**UHF 1-5 / 2-5**
- Dimension: 260 x 260 x 65(mm)
- Reading Distance: Up to 6 meters (adjustable)

**UHF 1-10 / 2-10**
- Dimension: 445 x 445 x 70(mm)
- Reading Distance: Up to 12 meters (adjustable)

**Specification**
- 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
- Multiple Tags Identification: >50
- Multiple Tags Identification Speed: >50 Per second
- Working Mode: Always read/Trigger read
- I/O: Interface Supports external trigger
- Maximum power consumption: <3W (RF output 26dBm,multiple tags)
  <2W (RF output 26dBm,Sigle tags)
eSSL®
Security at Fingertips

Accessories

KR 500-E/M (wiegand)
Exit Switch
No Touch
101-HE
KR503E/M (RS 485)
F12
Exit Switch

L-Bracket
U-Bracket
ZL-Bracket

Bracket
EM-Lock
Drop Bolt-Lock

Strick-Lock
Auto Feedback Lock
Glass Door Bolt Lock

RFID/Smart Card
Key Tag
MIFARE reader/Writer with SDK
Thin Card
ISO Format: 125KHz
Thick Card
ISO Format: 125KHz
**Optional Accessories**
- IP 65 rated water resistance & dust proof
- Also can be used for Time & Attendance
- Gives report as where guard has done patrolling
- Low power consumption, standby 7 days
- Fingerprint Authentication, accurate & environment
- Reduce Security guard cost & less number of security person

---

**Advantages of PT100**
- Visitors Record
- In and out attendance
- Breakfast, Lunch, Dinner attendance Reports
- Meal Planning Reports i.e. Breakfast, Lunch Dinner
- Meal Planning Reports/ SMS to warden or meal incharges

---

**Advantages of LP400**
Fingerprint Time & Attendance System

LX 16
Fingerprint Capacity : 500
Transaction Storage : 50,000
Communication : USB Host/Client
Standard Function : Scheduled-bell, SSR recorder,
9 Digit user, T9 Input Record checking
Power Supply : 5V 800mA
Dimension : 185 x 140 x 30 mm

K21 Pro
Users : 1,000 Fingerprints | Transaction Storage : 1,00,000
Push Data : Yes
Communication : TCP/IP, USB
Schedule Bell/Speaker : Mini Speaker
Schedule Bell : Yes | Self Service Query : Yes | SSR Recorder : Yes
Automatic Switch : Yes | DST, T9 Input : Yes
Dual Mode : Either SSR Mode or Software Mode

Fingerprint Time Attendance & Access Control System

K30 Pro
Users : 1,000 Fingerprints | Card Storage : 1,000
Transaction Storage : 1,00,000
Push Data : Yes
Communication : TCP/IP, USB-host
Schedule Bell/Speaker : Mini Speaker
Self Service Query : Yes
DST, T9 Inupt : Yes | Automatic Status Switch : Yes
Support : Push Button, EM Lock, No Touch

SF100
Users : 1,500 Fingerprints | Card Capacity : 5,000
Transaction Storage : 80,000
Communication : USB-host, TCP/IP, RS 485
Standard Function : Auxiliary Input
Wiegand : In & Out
Schedule Bell/Speaker : Mini Speaker
Algorithm Ver : VX 10.0
Support exit readers : KR500, EM Locks,
Door Sensors, Alarm, Door Bell, Exit Button

Disclaimer: Specifications can be changed without prior notice.
Visit us at : www.esslsecurity.com
Multidoor Access Controller System

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/siren, Light indicator, door bells etc.
- Data is preserved if power is lost, Controller continues to operate if data connection is interrupted
- Alarms and Events Notifications through Email
- Supports Video Integration & Visitor Management Module using Web Application
- Supports all major brands camera
- No Global Antipass back & Global Interlock & Global Linkage

Software
- Web : BioSecurity 3.0
- Desktop : Access Security System 3.5
- Mobile app : To open & close door remotely
  (If using Bio Security Web Application)

Advanced Multidoor Access Controller System

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

Software
- Web : BioSecurity 3.0
- Mobile app : To open & close door remotely
Multidoor Access Controller System

InBio 460
Card Capacity : 30,000
Fingerprint Capacity : 3,000 (20,000 Optional)
Log Events Capacity : 1,00,000
CPU : 32-bit 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 Notifications through Email using Web Application
- Supports Video Integration & Visitor Management Module
  using Web Application
- No Global Antipass back & Global Interlock & Global Linkage

Software
- Web : BioSecurity 3.0
- Desktop : Access Security System 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: 1,000,000
- Push Data: Yes
- CPU: 32 bit 1.2GHz
- RAM: 128 MB
- Flash Memory: 256 MB
- Communication: TCP/IP and RS-485, WiFi Optional
- Types of readers supported: 26-bit Wiegand & RS485 FR Series Reader
- Numbers of readers supported: 8 (8 RS-485 Reader or 4 26-bit wiegand reader)
- Number of Inputs: 12 (4 Exit Device, 4 Door Status, 4 AUX)
- Number of Outputs: 8 (4-Form C Relay or Lock & 4-Form C Relay for Aux Output)

** Features**

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

**Software**

- Web: BioSecurity 3.0
- Mobile app: To open & close door remotely

Disclaimer: Specifications can be changed without prior notice.
Visit us at: www.esslsecurity.com
Elevator Control System

EC10
Floor Button Control Relays: 10
Fingerprint Capacity: 3,000
Proximity Card Capacity: 30,000
Event Capacity: 1,000,000
Power Supply: 12V DC 2A
Communication to computer: TCP/IP, RS485
Communication to EX16: RS485
Number of supported EX16 boards: 3
SDK Available

EX16
Floor Button Control Relay: 16
Communication to EC10: RS485
RS485 address: Set by DIP switch
Power Supply: 12V DC 1A

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

Extension Board to Control
10+16+16+16
Max floors supported: 58 floors

Software
Web: BioSecurity 3.0
Bio Security 3.0 Access Controller System

Access Controller

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

All-In-One Solution

(ACCESS CONTROL, VIDEO, ELEVATOR AND VISITOR MANAGEMENT)

Elevator Controller

Data can be centralized in a single server for multiple locations

Visitor Management

Integrate and Ultimate protection for All

Security at Fingertips
**TS 2033**

Tripod Turnstile
Integrated with uFace (Casing)
(Oneway Bi-Directional Bridge)

**Parameters:**
- **Type:** Bridge Tripod
- **Arm Length:** 50cm
- **Max Tolerance of Arms:** 80 Kg
- **Angle per rotation:** 120°
- **Operation Type:** Oneway - Bidirectional
- **Flow Rate:** 25-48 passengers / minute
- **Ingress Protection Degree:** IP54
- **SMPS - Input:** AC 220V / 110V, 50Hz / 60Hz
- **SMPS - Output:** DC +24V, 5A; +12V, 3A
- **Operating Environment:** Indoor & Outdoor
- **Dimension (LxWxH):** 1110 x 260 x 980 mm
- **Gross Weight:** 54kg

**TS 2000 Series:**

<table>
<thead>
<tr>
<th></th>
<th>TS 2000</th>
<th>TS 2033</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tripod Turnstile</td>
<td>FP+Face+RFID</td>
<td>Integrated with uFace 302</td>
</tr>
</tbody>
</table>

Disclaimer: Specifications can be changed without prior notice.
Visit us at: www.esslsecurity.com
**ET1000**

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

**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**

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

**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 and electrical versions
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 | Pretection 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)
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

SB - TL - 129
Passage Width (Max) : ≤ 450mm (Default)
Throughput Rate: 35 P/M
Power Supply : 100V ~ 240V AC
Operational Voltage : 24V DC
Max Power Consumption : 30W
Frequency : 50Hz ~ 60Hz
Protection Level (IP) : ≥ 54
Working Temperature : -25°C ~ +70°C
Electro-Magnetic Drive : DC
Dimension Excluding Bars : 480 x 280 x 1050 mm
New Weight (Including Bars) : 40kg
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

Disclaimer: Specifications can be changed without prior notice.
Visit us at: www.esslsecurity.com
Flap Barrier

FB-TL-2000 & FB-TL-2200 (Premium Series)
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
Cabinet Material: SUS304 Stainless Steel
Lid Material: SUS304 Stainless Steel

FB-TL-119 & FB-TL-219
Type: Single & Multiple lane
Passage width (Max): ≤ 550mm
Throughput rate: 35 P/M
Power Supply: 100V ~ 240V AC
Operational Voltage: 24V DC
Max Power Consumption: 30W
Frequency: 50Hz ~ 60Hz
Protection Level (IP): ≥ 54
Working Temperature: -25°C ~ +70°C
Electro-magnetic Drive: DC
Dimension excluding bars: 800 X 280 X 960 mm
New Weight: 52kg (FB-TL-119 - L/R)
New Weight: 40kg (FB-TL-219)

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
Plock 2

**Specification**

- Material: Steel
- Control distance: ≤20m
- Arm rising time/falling time: ≤6s
- Altitude after rising: 420mm
- Altitude after dropping: 75mm
- Operating temperature: -10°C ~ +55°C
- Power supply: Alkaline dry battery (D x 4)
- Rated Voltage: DC6V
- Quiescent current: ≤1.5mA
- Operating current: ≤2.5A
- Size: 460mm x 460mm x 75mm
- Weight: 8KG

BG100

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

**Specification**

- 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: -20°C ~ +50°C

BG108

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

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 Temperature: -25°C ~ +70°C
Protection level (IP): ≥ 54
Humidity: 95%
Hydraulic Damper: Adjustable

Features
- Designed for secure operation with aesthetics in mind
- 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

<table>
<thead>
<tr>
<th>Model</th>
<th>Door</th>
<th>No. of Arm</th>
<th>Section version</th>
<th>Rotational Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>FHT-TL-139</td>
<td>Single</td>
<td>3</td>
<td>120</td>
<td>One Way Bi-Direction</td>
</tr>
<tr>
<td>FHT-TL-149</td>
<td>Single</td>
<td>4</td>
<td>90</td>
<td>One Way Bi-Direction</td>
</tr>
</tbody>
</table>

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%
Throughput: 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-139
(No of arms: 3 arms)

FHT-TL-149
(No of arms: 4 arms)
Full Height Turnstiles

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/Outdoor  
Power Supply: AC220V±10% , DC24V3A±10% , DC12V3A±10%  
Temperature: -30°C ~ 80°C  
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

<table>
<thead>
<tr>
<th>Model</th>
<th>Door</th>
<th>Nb. of Arm</th>
<th>Section version</th>
<th>Rotational Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>FHT-TL-239</td>
<td>Double</td>
<td>3</td>
<td>120</td>
<td>Two Way Bi-Direction</td>
</tr>
<tr>
<td>FHT-TL-239</td>
<td>Double</td>
<td>4</td>
<td>90</td>
<td>Two Way Bi-Direction</td>
</tr>
</tbody>
</table>

**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/Outdoor  
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
DL30B
Material: Zinc Alloy
Password capacity: 100
Card capacity: 100
Card Module: ID
Wireless Module: BLE4.0
Power Supply: 4×AA Alkaline battery (NOT supplied)
Door Thickness: 39-46 mm (standard)
47-54 mm (standard) | 55-60 mm (optional)
Dimensions: Front: 69(W)×155(L)×35(D)
Back: 69(W)×155(L)×25(D)
Support: Mobile App - can open lock via mobile phone bluetooth

ML10-ID
Material: Zinc Alloy
Mortise: American standard single latch
Fingerprint Sensor: 500 DPI Optical Sensor
User Capacity: 180
Fingerprint: 90 | Card: 90 | Admin: 20
Normal User: 120
Temporary User: 40
Backup unlock mechanism: 9V battery, Mechanical key
**ML10-DB**

- Material: Zinc Alloy
- User Capacity: 90
- Admin: 10
- Normal User: 60
- Temporary User: 20
- Temperature: -20°C to 55°C
- Power input: 4 x AA alkaline Battery
- Backup unlock mechanism: 9V battery, Mechanical key
- iOS OS Requirement: 7.0 and above
- Android OS Requirement: Android 4.3 and Above
- Bluetooth Requirement: Bluetooth 4.0

**TL100**

- Material: Zinc Alloy
- Mortise: Robust & safe anti-theft
- Fingerprint Sensor: 500 DPI Optical Sensor
- Fingerprint: 100 | Card: 100 | Password: 2
- Identification Speed: ≤ 1.5 sec
- FAR: ≤ 0.0001% | FRR: ≤ 1%
- Operating Temperature: 0°C ~ 45°C
- Power input: 8 x AA alkaline Battery
- Backup unlock mechanism: 9V battery, Mechanical key
- Optional: Remote Control Key

**TL 200**

- Materials: Zinc Alloy
- Fingerprint Capacity: 100
- Password Capacity: 100 | ID Card Capacity: 100
- Backset: 60 mm
- Batteries: 8xAA Alkaline battery (NOT supplied)
- Battery life: Over 6000 times (approx 8 months)
- Dimensions: 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
**GL300**
Model: Glass Door Intelligent Fingerprint Lock
User Capacity: Fingerprint/Password/Card-100
Operating Temperature: -25°C ~ 55°C
Fit Door Thickness: <35mm
Security Protection: 5 times Incorrect Password, System Locked 3 Minutes
Power Supply: 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 (W*L*D): 131mm X 200mm X 75mm

**TL400B**
Material: Zinc Alloy
Fingerprint capacity: 100
Password capacity: 100
Card capacity: 100
Card Module: ID
Wireless Module: BLE4.0
Power Supply: 4×AA Alkaline battery (NOT supplied)
Door Thickness: 35-50 mm (standard) 50-65 mm (optional)
Dimensions (Front): 72(W)×310(L)×34(D) mm
Dimensions (Back): 72(W)×310(L)×30(D) mm

**FL-1000**
Material: Zinc Alloy/Stainless steel finish
Dimension (L x W x H): 327 x 74 x 58mm
Backset: 55mm
Face: 100 | Card (Optional): 100
Password: 100 | Event Logs: 30,000
Identification Speed: ≤ 1.5 sec
FAR: ≤ 0.0001% | FRR: ≤ 1%
Communication: USB
Operating Temperature: 0°C - 45°C
Operating Humidity: 20% - 80%
Power input: 8 x AA Alkaline Battery
Backup unlock mechanism: Emergency battery, Mechanical key
L-5000
Material: Zinc Alloy/Stainless steel finish
Dimension (LxWxH): 310 x 72 x 30mm
Fingerprint Sensor: 500 DPI Optical Sensor
Fingerprint: 500 | Card (Optional): 100
Password: 100 | Event Logs: 30,000
Identification Speed: ≤ 1.5 sec
FAR: ≤ 0.0001% | FRR: ≤ 1%
Communication: USB
Operating Temperature: 0°C ~ 45°C
Operating Humidity: 20% - 80%
Power input: 4 x 1.5v AA alkaline Battery

ERPL-500B
Mechanism: All Stainless Steel parts
Case Finish: Stainless Steel
Protection Level: IP68
Size (Locked): L=161.2mm, Diameter=50.0mm,
Bolt Diameter: 13mm
Locking Opening: 41mm
Operating Temperature: -40°C ~ +70°C
Power: Lithium Batteries
Programming Options: By management software
Operating Technology: Keyless Wi-Key
Smartphone App
Applications: Containers, gates, trucks

EVL-400
Case & Cover: Zamak Casting
Mechanism: Stainless Steel
Finish: White Aluminum
Size: L=189.2mm, H=32mm, W=30mm
Operating Temperature: -40°C ~ +65°C
Power: 1 x Lithium Battery 123A
Programming Options: By management software
Operating Technology: Keyless Smartphone App
Accessories: Strike (included)
Form: 2 x Cardboard Box
Size: VL464: L=210mm, H=45mm, W=66mm
Strike: L=110mm, H=43mm, W=85mm
Weight: VL464: 780gr, Strike: 165gr
Content: 1 x VL464 Unit, 1 x 123A Battery, 1 x Strike with spring

Disclaimer: Specifications can be changed without prior notice.
Visit us at: www.esslsecurity.com
**LH3000 & LH3600**

Software: Hotel Management Software  
Card Type: ISO14443 (RFID) Type-A S70 4KB/ S50 1KB  
Operating Temperature: 0°C ~ 45°C  
Package Dimension: 410×218×145 mm  
Door Thickness Require: 35-55 mm

**Features**
- With advanced 13.56mhz Mifare-1 card technology  
- American standard mortise  
- Zinc Alloy housing with the color of golden and sliver  
- With professional hotel lock management software - single click install  
- Audit trail records the latest 224 lock transaction  
- With warning beeps in low battery power  
- Backset is 62.5

**Accessories for Hotel Lock**

**CR 60W-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 or Any Card  
Working Voltage: AC220V, AC110V  
Load Working Current: 30 A  
Power Consumption: 22 W  
Static Current: 100 mA  
Delay Time: 12 seconds

**Mifare card**
13.56Mhz Mifare  
1Kb & 4Kb Card  
Sensing Distance: 30 ~ 50mm  
Dimension: 2.127 x 3.375 x 0.033  
Max: 5.40 x 8.57 x 0.084 cm

Disclaimer: Specifications can be changed without prior notice.  
Visit us at: www.esslsecurity.com
Presence of eSSL in India

Enterprise Software Solutions Lab Pvt.Ltd. (Corporate - Office)
#24, Shambavi Building, 23rd Main, Marenahalli, JP Nagar 2nd Phase, Bengaluru - 560078
Ph: +91-80-2609 0500 | Email : sales@esslsecurity.com | 8884406789 (Only Whatsapp)

Bhopal(MP):
Flat No : BS-2, 16 Amar Shamb Zone - 1, M.P Nagar, Bhopal - 462011

Bhubaneswar:
Plot No - 102/3586, Dumduma-A Jagamara, Khandagiri Bhubaneswar - 751030

Chennai:
Flat No.6, 2nd Floor, Ashwini Apartments, Plot No. 2915,14th Main Road, Y Block, Anna Nagar West, Chennai - 600040

Delhi:
B-27, Ground Floor Dayanand Colony, Lajpat Nagar 4 Near SRSD School New Delhi - 110024

Gurgaon:
AmpleTrails, Shop no. 5, Kataria Market, Sec. 7, Gurgaon, Haryana - 122001

Ghaziabad(UP):
F29, 1st floor Arora Shoppers Park, Shakti Khand –II, Indirapuram - 201010

Haryana:
eSSL Pvt Ltd – Haryana, Plot No. 762-763, Ward No 9 Kewal Ganj, Rohtak - 124001

Ahmedabad:
102,SARAP Building, Navijivan Press road, Ashram Road, Ahmedabad- 380013

Kochi:
No.29/1489/B, 1st Floor, Veluthe-dathu House, Thykoodam, Vyttila Kochi, Kerala - 682019

Mumbai:
201, 2nd Floor, Eco Space IT Park, Mogra Road, Andheri East, Mumbai - 400069

Mohali:
SCF-19, 1st Floor, Phase – 5, Mohali, Punjab - 160059

Pune:
Pentagon 1st Floor, Office No 102 Sr No 42/A/3/1 A, Plot No 477, near Hotel Panchami, Shahu College Road. Parvati- 411009.

West Bengal:
59, Muzzaffar Ahmed Street, Kolkata, West Bengal - 700016

Our Clients
Manage Time & Attendance
for all your Branches from Head Office

Specifications can be changed without prior notice.

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

Enterprise Software Solutions Lab Pvt. Ltd. (Corporate-Office)
#24, 23rd main, Shambhavi Building, J P nagar 2nd phase, Bengaluru - 560078
www.esslsecurity.com | sales@esslsecurity.com | Ph : 91-8026090500