

eSSL[®]

Security at Fingertips

AUTHORISED DISTRIBUTOR

APRILENT SYSTEMS

ELECTRONIC SECURITY AND SOFTWARE AUTOMATION



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



Aprilent Systems Pvt. Ltd.

#254, Unit-3, Kharvela Nagar, Bhubaneswar-751001, Odisha, INDIA
www.aprilentystems.com | sales@aprilentystems.com | Ph : 91-9776633113

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



Authorized Distributor Certificate

THIS CERTIFIES THAT

APRILENT SYSTEMS PRIVATE LIMITED

is an Authorized Distributor of
Enterprise Software Solutions Lab Pvt. Ltd (eSSL)

Territory: Bhubaneswar | *State:* Odisha

This certificate is valid from 1-Jan - 2026 *to* 31-Dec- 2026



Aruna Y
Regional sales manager

1 - Jan - 2026

Date Issued

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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



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Access Made Smarter. Attendance Made Simpler.



Fingerprint



Aadhaar



Face



JS-36E



Guard Patrolling



Fingerprint Lock



HL200 Hotel Lock



Safe Lock



EML Lock



 **APRILENT**
SYSTEMS
ELECTRONIC SECURITY AND SOFTWARE AUTOMATION



Password



Fingerprint



Card



WiFi



Battery

Standalone Fingerprint Time Attendance & Access Control System

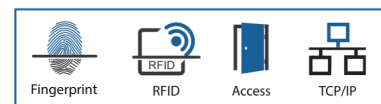
FINGERPRINT - X990

- Fingerprint Capacity : 10000
- Card Capacity : 10000
- Transaction Capacity : 100000
- Display : 3" 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



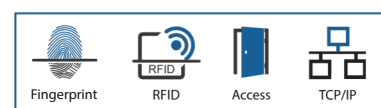
FINGERPRINT - SF100

- Fingerprint Capacity : 1500
- Card Capacity : 5000
- Transaction Capacity : 80000
- Fingerprint Sensor : 500 DPI Optical sensor
- Display : 2.4" 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

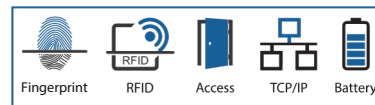
- Fingerprint Capacity : 3000
- Card Capacity : 5000
- Transaction Capacity : 100000
- Display : 2.8" color TFT
- Fingerprint sensor : 500 DPI Optical sensor
- Communication : TCP/IP, USB host
- Push data : Yes
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, 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 : 2.8" 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





APRILENT
SYSTEMS
ELECTRONIC SECURITY AND SOFTWARE AUTOMATION



Face



Fingerprint



Card

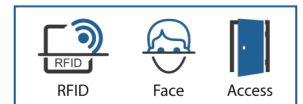


WiFi

Multi-Biometric Time Attendance & Access Control System

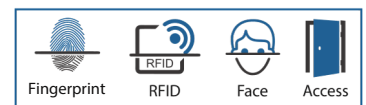
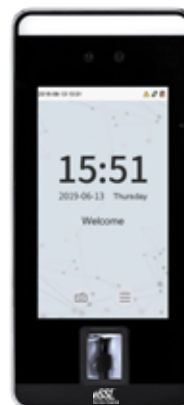
FACE - AIFACE MARS+QR

- 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 : $\leq 1s$



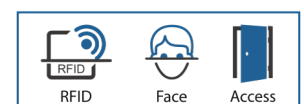
FACE - AIFACE-ARION

- 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

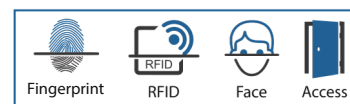
- Face Capacity : 50,000
- Password Capacity: 50,000
- Transactions Capacity : 50,000
- Card Capacity : 50,000
- Display : 5-inch touch Screen
- Face recognition distance : 0.3 to 2m
- Face recognition speed : $< 0.2s$
- Network interface : 1*100M ethernet port
- Wi-Fi : Support 2.4G frequency



Multi-Biometric Time Attendance & Access Control System

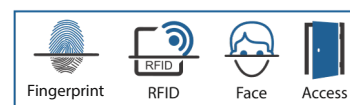
FACE - AIFACE-JUPITER

- 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 : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, Alarm Output
- Optional Card Type : 13.56MHz IC Card (MF)
- Facial Recognition Speed : $\leq 1s$



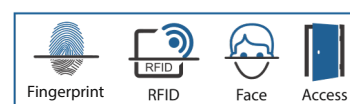
FACE - AIFACE ERIS

- 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

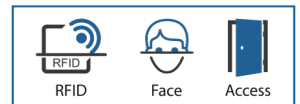
- Face Capacity : 1500
- Fingerprint Capacity : 5000
- Card Capacity : 10,000
- Transaction Capacity : 200,000
- Display : 2.4-inch touch Screen
- Face Recognition Speed : $< 1s$
- Face Recognition Distance : 0.5m to 2m
- Communication : TCP/IP, WiFi(Optional), Wiegand Input/Output,RS485
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, Alarm Output



Multi-Biometric Time Attendance & Access Control System

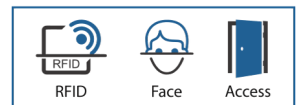
FACE - AIFACE-VENUS

- 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 : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, Alarm Output
- Optional Function : 13.56MHz IC Card (Mifare)
- Face Recognition Speed : <=1s



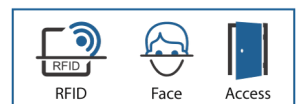
FACE - MU-AI-9

- 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

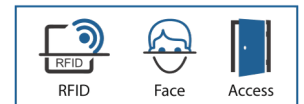
- Display : 5inch Touch Screen
- Face Capacity : 3000
- Card Capacity : 3000
- Transaction Capacity : 150000
- Communication : TCP/IP, WiFi(Optional), Wiegand Input/Output, RS485
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, Alarm Output
- Face Recognition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



Multi-Biometric Time Attendance & Access Control System

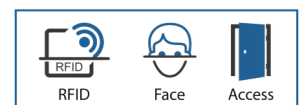
Face - Aiface Magnum Lite

- 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



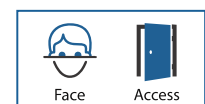
FACE - AIFACE-NEPTUNE

- 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 : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button,
- Optional Functions : Mifare Card, Battery Backup
- Face Recognition Speed : ≤1s



FACE - AIFACE - MERCURY ACCESS

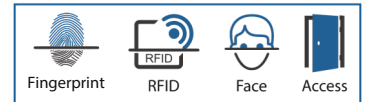
- Display : 2.8-inch Touch Screen
- Face Capacity : 800
- User Capacity : 800
- Transaction Capacity : 150000
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, No Touch Sensor
- Communication : TCP/IP, WIFI
- Face Recognition Speed : ≤1s



Multi-Biometric Time Attendance & Access Control System

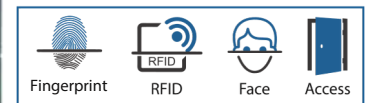
AIFACE - ORCUS

- 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, 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



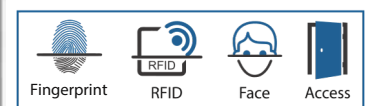
FACE - AIFACE-URANUS

- 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



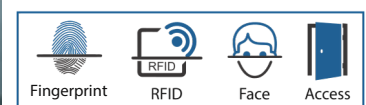
FACE - MB20

- 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

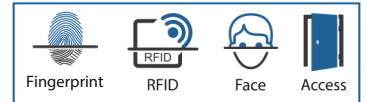
- Display : 2.8-inch TFT Screen
- Face Capacity : 1500
- Fingerprint Capacity : 2000
- Card Capacity : 2000
- Transaction Capacity : 100000
- Communication : TCP/IP, USB-Host, Wifi(Optional), GPRS(Optional)
- Access Control Interface : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button, No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



Multi-Biometric Time Attendance & Access Control System

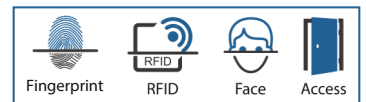
FACE - SILKBIO-101TC

- 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



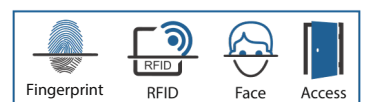
FACE - UFACE-302/UFACE -602

- 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



CLOUD BASED ATTENDANCE MANAGEMENT SYSTEM

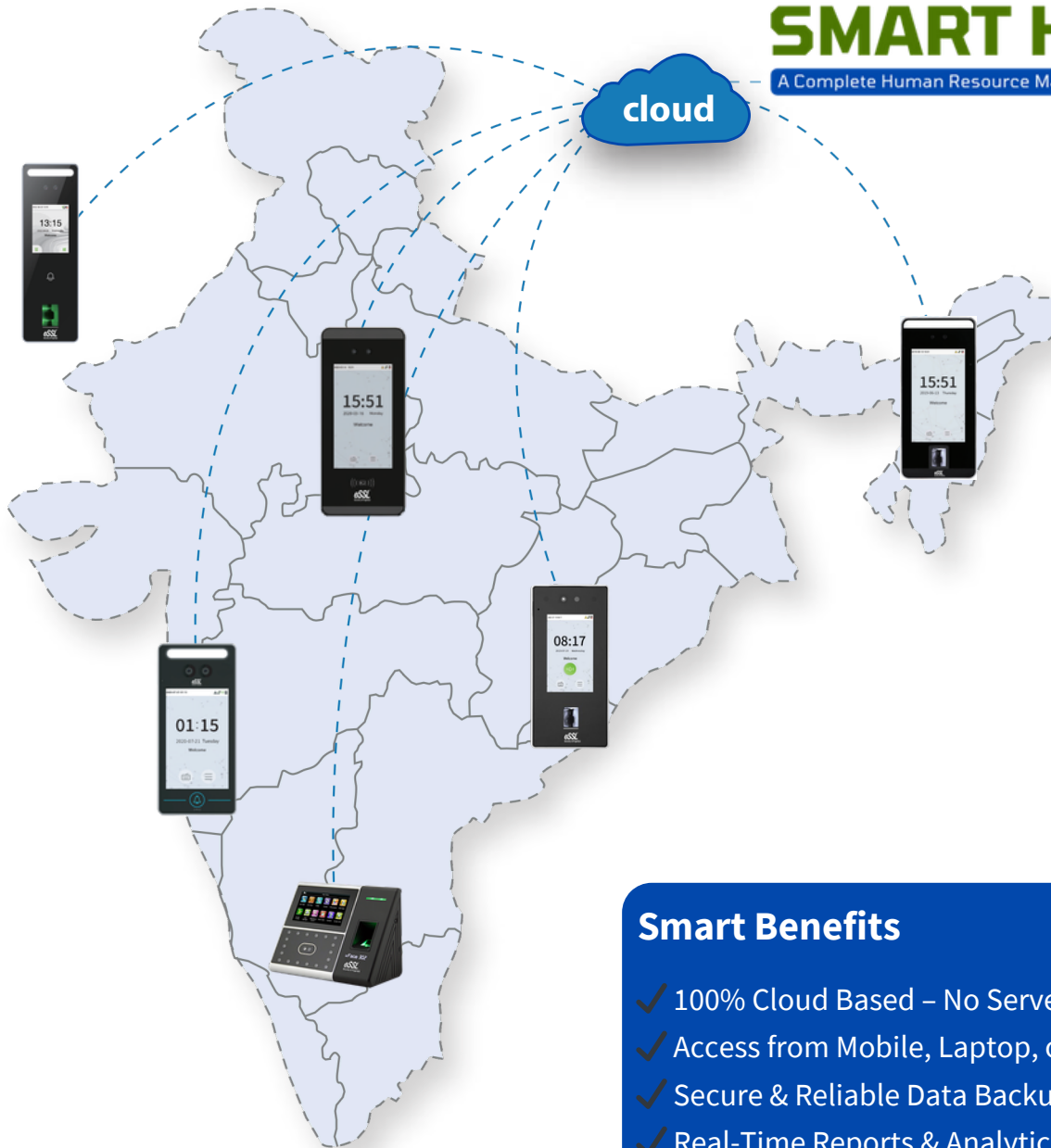
Manage Your Workforce Anytime, Anywhere!

Upgrade your organization with a powerful Cloud Based HRMS & Time Attendance Solution designed to simplify employee management and improve productivity.



SMART HRMS

A Complete Human Resource Management Solution



Smart Benefits

- ✓ 100% Cloud Based – No Server Required
- ✓ Access from Mobile, Laptop, or Desktop
- ✓ Secure & Reliable Data Backup
- ✓ Real-Time Reports & Analytics
- ✓ Easy Integration with Biometric Devices

Key Features

- ✓ Biometric & Face Attendance Integration
- ✓ Real-Time Attendance Monitoring
- ✓ Mobile App Based Attendance (GPS Enabled)
- ✓ Shift Management & Roster Planning
- ✓ Leave & Holiday Management
- ✓ Payroll Processing Automation
- ✓ Employee Self Service (ESS) Portal
- ✓ Visitor & Contract Labour Management
- ✓ Late Coming & Overtime Reports
- ✓ Multiple Branch Management



Smart CLMS for the Smart Industries

SMART CLMS

A Complete Contract Labour Management Solution



Streamline your entire contract workforce management with our powerful, all-in-one CLMS platform designed to simplify operations, improve compliance, and enhance productivity.

Powerful Admin Dashboard

Get a complete overview of workforce activity, attendance, compliance status, and operational insights in one centralized dashboard.

Master Management Modules

Easily organize and manage core data with structured master modules:

- Admin Master – Control system settings and administrative privileges
- Contractor Master – Maintain contractor details and profiles
- Worker Master – Centralized worker database management
- User Master – Role-based user access control
- Device Master – Manage biometric and attendance devices

Work & Access Management

Efficiently manage workforce operations with smart workflow tools:

- Work Order Management – Create and track contractor work orders
- Gate Pass Management – Secure entry & exit control for workers
- Attendance Management – Real-time worker attendance tracking

Statutory & Compliance Control

Stay compliant with labour regulations with automated compliance tracking.

- Statutory Compliance Monitoring
- Labour Documentation Tracking
- Compliance Reports & Records

Payroll & Attendance Insights

Automate calculations and get detailed workforce analytics.

- Attendance Reports
- Payroll Management
- CLMS Reports & Analytics

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

- MifareCard 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 : Electro Magnetic Lock/ Electric Lock, Door Sensor, Exit Button,
- 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

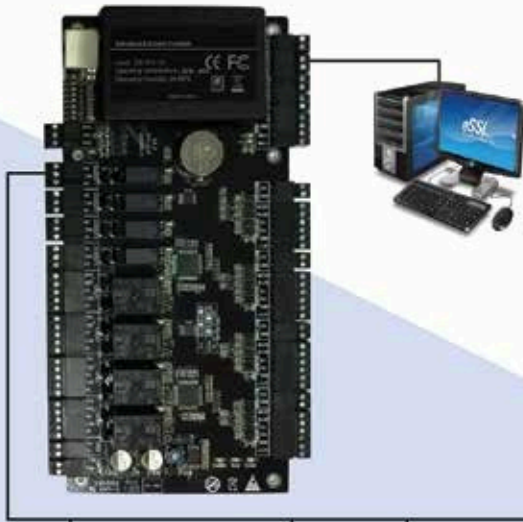
- Storage Capacity : 60, 000 pieces
- Alarm Clock : 200 groups
- Fingerprint Record : 200 groups
- Battery : 3.7V lithium rechargeable battery
- Communication : USB 2.0, no need drive
- Operating Temperature : -40° to + 85°C
- Voice prompt
- Biometric Fingerprint
- Pedometer
- Flashlight
- 200 groups 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-From C Relay for Lock and 1-Form C Relay for Aux Output) | 4 (2-From 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"> • 256 time Zones, 256 access levels • Anti-passback function, Door Interlock function, Linkage function. • Multi-Card Opening function Remote door opening. Real-Time monitoring Via Web browser • 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. • 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 • SDK Available | | |

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"> • 256 time Zones, 256 access levels Anti-passback function, Door Interlock function , Linkage function • Multi-Card Opening function, Remote door opening Real-Time monitoring Via Web browser • 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. • 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 • Supports Video Integration & Visitor Management Module using Web Application | | |

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 Auxiliary 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
- 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 Auxiliary 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



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"> • 256 time Zones, 256 access levels • Anti-passback function, Interlock function • Multi-Card Opening function, Remote door opening • Delay time for unlocking : 1-600 seconds(adjustable) • Real-Time monitoring via software • Power interruption protection measure : High Speed Memory, Records never lose • Fire and alarm linkage : Optional | |

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 | Extension Board to Control: 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 | |
| Features: | <ul style="list-style-type: none"> • Real-time upload of user access privileges • Real-time event monitoring • User-defined floor access privilege • Fail Safe Mode • Alarms & Events Notifications through email • Supports Video Integration & Visitor management module • Support for all major brands camera • Can be integrated with Fingerprint, Face, RFID readers |

Elevator Controller



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 | Extension Board to Control: 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 | |

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 : 30W
- 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 : 35W
- 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 : 35W
- 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
- Max power consumption : 35W
- 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

"OnePerson,OneEntry - KeepAccessControlled"



Heavy Duty full height Turnstiles

FHT-TL-537 (Lite full height Turnstiles)

- 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 : 220AC | Power : 50W | MCBF : 3 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 : 220AC | Power : 50W
- 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 : 220AC | Power : 50W
- 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 : 220AC
- Input voltage : AC100V~240V, 50/60HZ
- Power : 50W
- 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 : 220AC
- Input voltage : AC100V~240V, 50/60HZ
- Power : 50W
- 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

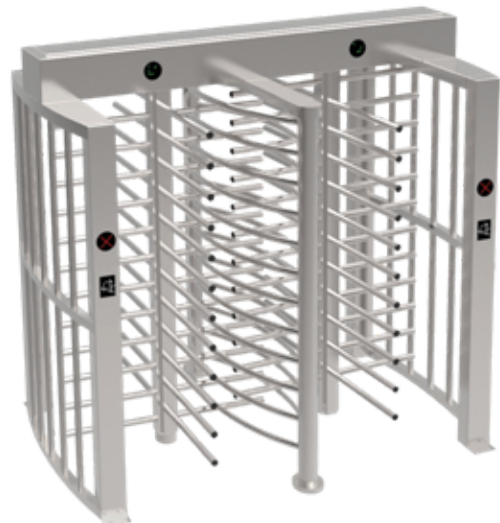
FHT-TL-239

- 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 : 220AC
- Input voltage : AC100V~240V, 50/60HZ
- Power : 50W
- 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 : 220AC
- Input voltage : AC100V~240V, 50/60HZ
- Power : 50W
- 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 : 220AC
- Power : 50W
 - 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
- Power supply : 220AC
- Power : 50W
- 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 : 220AC
- Power : 50W
 - IP Rating : 56
 - MCBF : 10 Million



SWING BARRIERS

"EffortlessEntry and SmoothExit 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 : 220 AC
- Drive Unit : Servo brushless motor
- Pass rate : 35-50 persons/minute
- Open Speed : 0.5s/1.5s | Sensor: 6 pairs
- Clutch size : $\phi=80\text{mm}$ | Pilot lamp: RGB light
- Communication mode : RS485
- Noise : $\leq 65\text{dB}$ | IP : IP4X | Environment: Indoor
- Temperature : $-20^{\circ}\text{C}\sim+70^{\circ}\text{C}$ | 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 : DC Brushless Motor | Infrared Sensor : 4pairs
- Pass rate : 20-35p/m

- Power Supply : 220 AC
- Operational Voltage : 24V(DC)
- Max Power Consumption : 50W
- Frequency : 50-60hz
- Working Temperature : -25 to $+70^{\circ}\text{C}$
- 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 : 220AC | Equipment power : 50W
- Drive motor : DC brushless Motor
- 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 : $-20^{\circ}\text{C}\sim+70^{\circ}\text{C}$ | Noise : $\leq 65\text{dB}$
- Humidity : $\leq 90\%$ No condensation | Class of protection : IP4X



Heavy Duty Swing Barrier

SB-TL-129

- Passage width (Max) : ≤ 550 mm
- Throughput rate : 30 p/m
- Power supply : 220AC
- Operational voltage : 24V
- Max Power Consumption : 50 W
- Frequency : 50 ~ 60hz
- Protection Level (IP) : 54
- Working temperature : $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Drive unit : Brushed motor
- 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



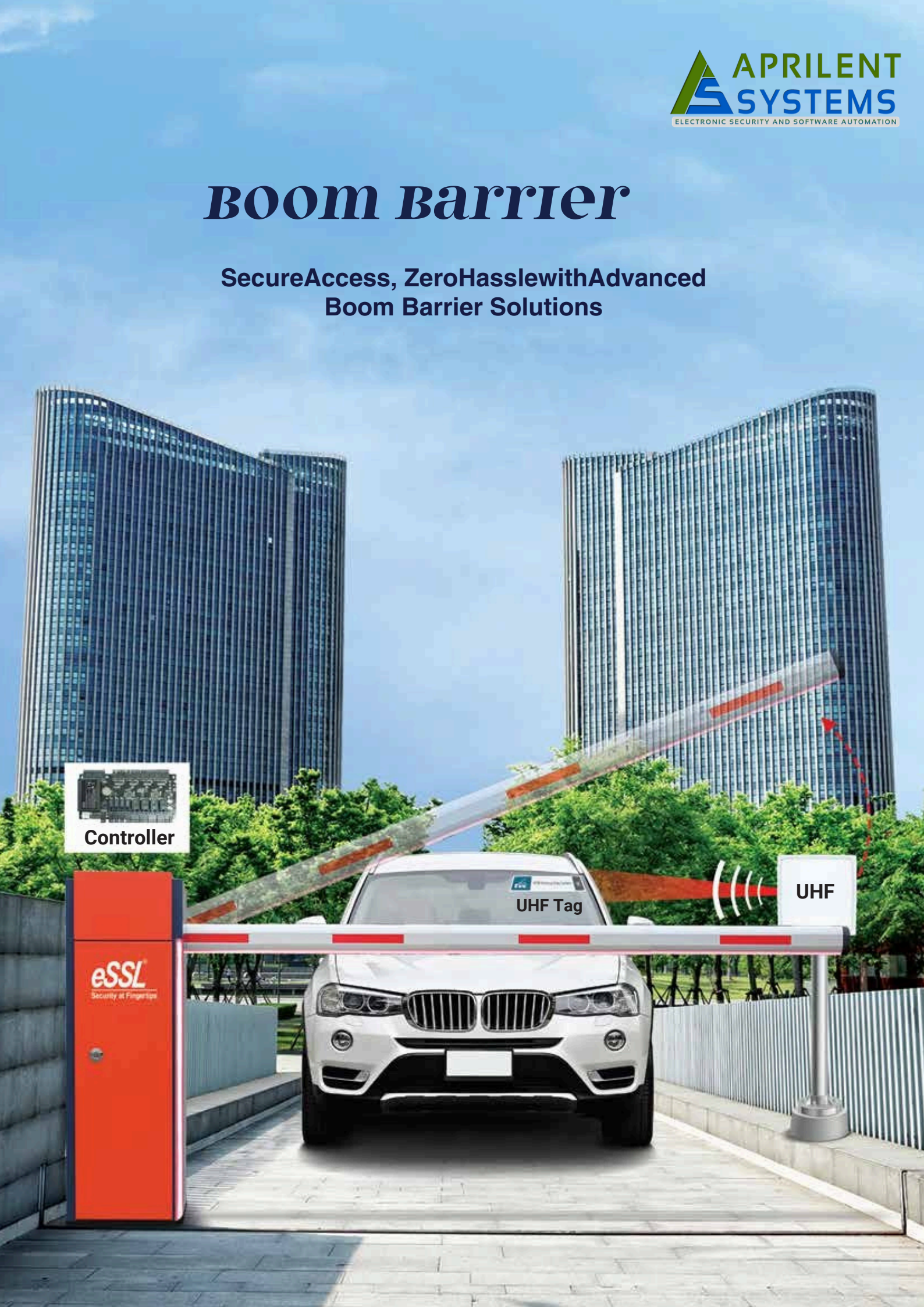
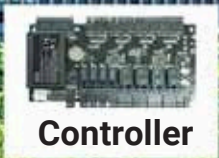
SB-SPL-310

- 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 : 220AC
- Operational Voltage : 24V (DC)
- Max Power Consumption : 50w
- Frequency : 50-60 Hz
- Working Temperature : $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Operating Modes : Bi-directional with Single passage
- Operating Time : 0.2 Seconds
- MCBF : 5000000 cycles



Boom Barrier

**SecureAccess, ZeroHasslewithAdvanced
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
- MCBF-5Million



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
- MCBF-5Million



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
- MCBF-5Million

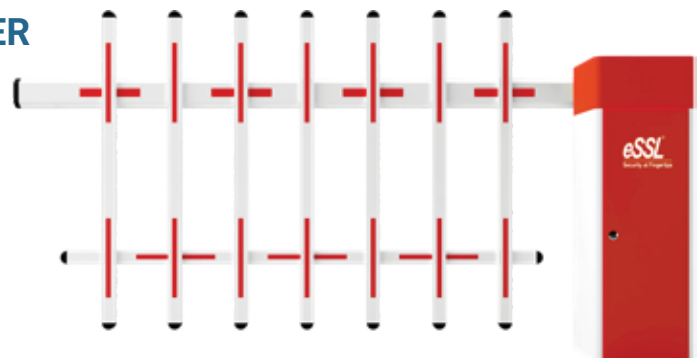


BG-CM-300

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

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 : 5Million



Boom Barrier



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
- MCBF : 5 million



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
- MCBF : 5 million



BG-S-105

- Maximum length of Boom : 2m
- Boom Rest Stand : No
- Arm material : Aluminum
- Time for Up/down : 2s
- Ingress protection Degree : IP54
- MCBF : 5 million

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



UHF1-Tag4

- 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

- 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 : < 1.32 μ Gy
- Leakage radiation : < 0.06 μ Gy/h
- Wire Resolution : 40 AWG(0.0787mm metal line)
- Steel Penetration : 10mm
- Film Safety : For ISO 1600

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 \pm 3HZ
- Power wastage : 1.0 KW (Max)

- Noise : <65DB

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



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 : < 1.0μGy
- Leakage radiation : <0.1μGy/h
- Wire Resolution : 40AWG(0.0787mm metal line)
- Steel Penetration : 39mm
- Film Safety : For ISO 1600

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 (±10%) 50+3HZ
- Power wastage : 1.0 KW (Max)

- Noise : <65DB

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

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/ 12W
- 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/ 12W
- 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
- Battery backup(optional): 12Hours
- 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 | Non-ferrous: Aluminum, Copper <75gm
- Distance between 2 DFMD : 850mm
- Working humidity : 99%, non-condensing
- Working temperature : -20°C-65°C
- Input : AC 100 V-240 V/ 20W
- 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
- Battery backup(optional): 12Hours



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 | Non-ferrous: Aluminum, Copper <75gm
- Distance between 2 DFMD : 850mm
- Working Humidity : 99%,non-condensing
- Working Temperature : -20°C-65°C
- Input : AC100V-240V/ 20W
- Product Color : Matte Black
- IP rating : IP65
- Sensitivity Adjustable : 0-400
- Volume Adjustable : 0-50
- Alarm Volume : 0-3sec
- Alarm Tones : 15 different tone
- 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)
- Battery backup(optional): 12Hours



D468-6 (Single Pole DFMD)

- Working Principle: Electromagnetic
- Materials: ABS(Acrylonitrile Butadiene styrene) raw materials
 - Frequencies: 0-99.
- External Size: 2203x580x117mm
- Distance between person and door \leq 30cm
- Working Humidity: 99%, non-condensing
- Working Temperature: -20°C-65°C
- Input: AC100V-240V/ 12W
- Alarm Tones: 15 different tone
 - Input: AC100V-240V/Frequency 50HZ-60HZ
- Product Color: Matte Black
- IP Rating: 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 : Ferrous metals <75gm | Non-ferrous: Aluminum, Copper <75gm
- 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 / 20W
- 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;

eSS05 Shoes Scanner

TechnicalParameters:

- 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 mat floor to prevent false alarm.



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



tyre KILLER



BOLLARDS



Bollards and Tyre Killer

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

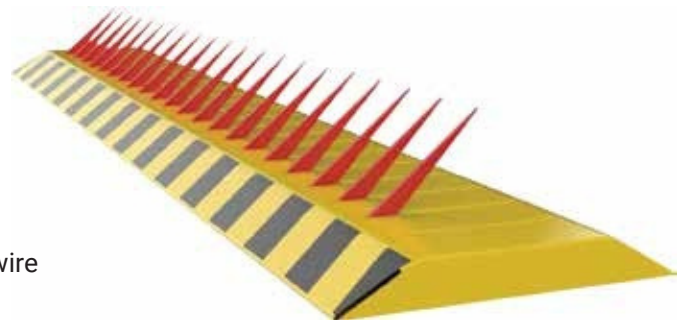
- No of Bollards: 6no | Input power: AC 220V
- Output voltage: DC36V | Working temperature: -300~550
- Protection class; IP54 | Remote control distance: ≥50 meters
- Control quantity: one for two/one for four/one for six
- Control mode: remote control/manual button box/remote control
- System interface: 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 : <25m²



eSSL-RSM-Controller

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



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 | 4AA | | |
| Emergency Power | Like5VMicro USB | | |



GL400
Glass Door Lock

GL400

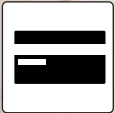
Technical Specification:

- 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



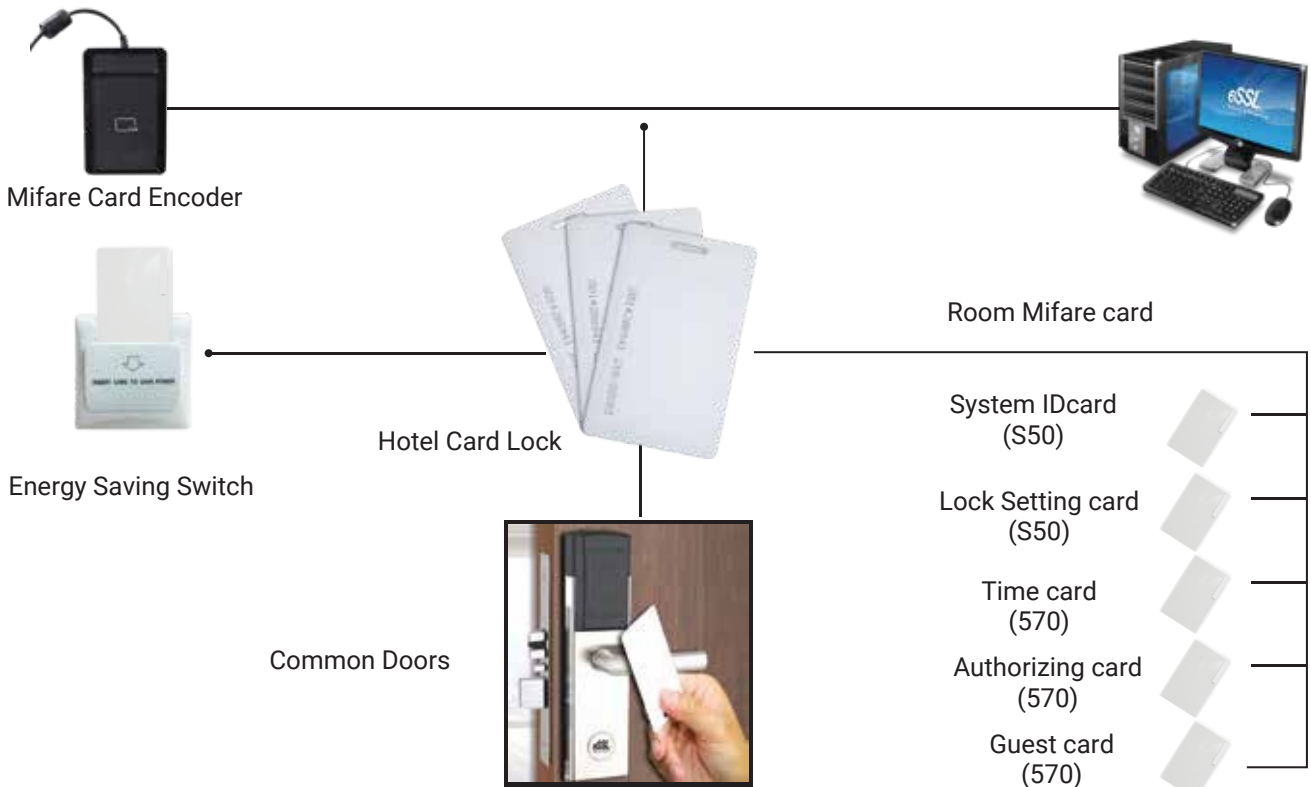
Manual key



Battery



Stainless steel Body





HL100



HL200

| Features | HL100 | HL200 |
|------------------------------|---|--|
| Power | 4x1.5V AA alkaline batteries | 4x1.5V AA alkaline batteries |
| BatteryLocation | 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 SoftwareCompatibility | 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
- Load Working Current : 30 A | Internal agreement: RS485 °C
- 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

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



Banking

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



Campus

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



Hospitality / Health Care

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



Industrial

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



Law Enforcement

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



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



Real Estate

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



Retail

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



Safe City

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



Smart Traffic

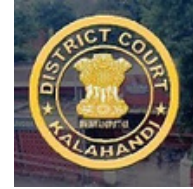
Over the years, the number of vehicles on the roads has increased along with the expansion of routes...



Transport

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

Our Happy Clients



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





ISO 9001:2015 | SOC2 Ready

Biometric Device Orchestration, Redefined.

Unified Command Center for Face, Fingerprint, Card & Palm devices. Leverage real-time APIs, intelligent webhook pipelines, and an elegant UI console. Control thousands of devices across locations with millisecond sync.

2500+
DEVICES ACTIVE

150K+
DAILY TRANSACTIONS

<0.7s
WEBHOOK LATENCY

Omni Biometric Hub
Fusion of AI & Edge Sync

Face Finger RFID Palm

Live Device Telemetry

Three Pillars of Excellence

REST API • Webhook Engine • Full UI Management

Powerful REST API

Programmatically manage devices, users, logs, and permissions. API key authentication, rate-limiting, full Swagger docs. Integrate with ERPs, HRMS, or custom apps seamlessly.

OAuth2 • JWT

Intelligent Webhooks

Real-time authentication events delivered to your endpoint. Automatic retries, payload signing, and delivery insights. Trigger workflows on user verification instantly.

Sub-Second Callbacks

UI Command Center

Drag-and-drop dashboard to control all devices. Enroll users, set access rules, monitor logs, and generate reports without coding. Role-based access for teams.

Live Analytics

Intelligent Device Fabric Master-Slave Logic

- Remote device provisioning & firmware OTA
- Enrollment & user photo sync to 1000+ devices
- Geo-distributed device monitoring
- Access rules: time-based, date-range, holidays
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- Reboot, clear logs, and remote config push
- Real-time authentication stream & webhook logs
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Real-time Webhook events, REST API, legacy SOAP support — build custom integrations lightning fast.

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99.99% Uptime SLA
Webhook delivery guarantee

Enterprise-grade backbone

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 - SQL Server 2022
 - Redis Caching
 - SOAP Gateway
 - Webhook Broker
 - TLS 1.3
- Hybrid deployment | On-premise or Cloud

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Aruna Y
Regional sales manager

1 - Jan - 2026

Date Issued

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