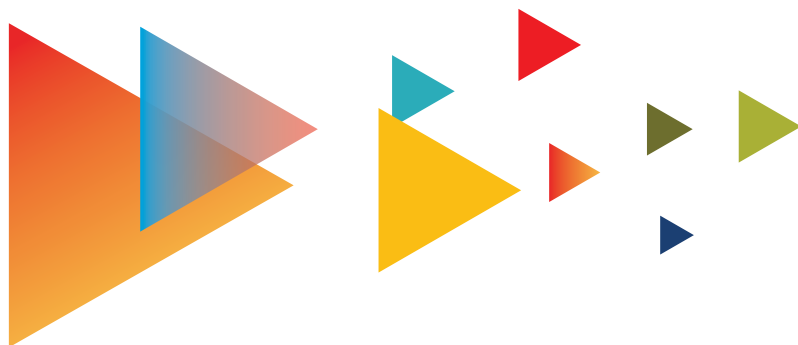


# BIOROLES®



## Product Catalogue



# Introduction

**BIOROLES** is fastest growing Brand in the field of Entrance Automation, Access Control Systems, Time Attendance System, Smart Locks and allied products.

Our product comprises Boom Barriers, UHF Controller, Metal Detectors, Barrier Gates, Guard Patrol System, Finger & Face Attendance System, Access Control System, Smart Door Locks and widest range of Access Control Accessories in India. We ensure all our products meet the international standards and we adopt strict quality control approach while manufacturing & test functioning & compatibility. We have gained trust of our clients due to our Range of Quality Products and Excellent After Sale Services. Customer's satisfaction is the driving force of our organization and we strive hard to meet the exact requirements of customers' needs.

We are backed by a State-of-the-art Infrastructure, R&D unit and efficient workforce support.

We look forward to understand your needs and design appropriate solution in most competitive prices.

The focus of our company is to develop local content and promote "Make in India" mission.

Today, **BIOROLES** has PAN INDIA presence through our more than 1000+ active Channel Partners.

For the requirements from clients and market orientation, we also offer flexible, customized and diverse services to assist our partners and customers to face the changing and competitive market. Global localization and local globalization, through our R&D and sales network.

## OEM And Private Label Services

**BIOROLES** state-of-the-art production/Testing facility based in India has revolutionized the provision of OEM and Private Label services to customer, some of leading brands in the world.

**BIOROLES** offers a one stop solution for all your Security Products and related Software Solutions Choose from a wide range of products, including Boom Barriers, UHF Controller, Metal Detectors Barrier Gates, Guard Patrol System, Finger & Face Attendance System, Access Control System, Smart Door Locks and related accessories.

Barrier Gates  
Turnstiles

Boom Barriers

Door Frame  
Metal Detectors

Access Control

Time Attendance

Guard Patrol  
System

Smart Locks

Access Control  
Accessories

**1000+**  
Channel Partners



## Barrier Gates & Turnstiles

### Swing Barrier

**BSD-501/502**



- BTP: 501 (single Core) / 502(Dual Core)
- Structure: 304 Stainless Steel
- Structure: Tempered Glass, Acrylic
- Size: 1400 x190 x 980mm
- Access Weidth: 600mm (1000mm Maximum)
- Swing Direction: One Way / Two Way
- Power Supply: AC100v~248V, 50hz Plus/Min us 4%
- Drive Motor: DC 24V Brushless
- Passing Speed: 35-45 Person/Minute
- Material Thickness: 1.2mm/1.5mm
- Normal Work Life: 9 Million Times

### Flap Barrier Gate

**BFB-01**



- Structure: 304 Stainless Steel  
Frame Structure And Plastic Case
- Turning Of The Gate: One-Way / Two-Way
- Anti-reverse: With Anti-Reverse Function  
To Ensure One Card Per Person
- Power Supply: AC198V~248V, 50hz±4%
- Output: AC 24V, DC12V
- Passing Speed: 35-45 Person/Minute
- Size: 1200 X 280 X 990 mm
- Normal Work Life: 9 Million Times

### Sliding Barrier Gate

**BS-04**



- Structure: 304 Stainless Steel Structure  
Tempered Glass, Acrylic
- Size: 1400×190×980mm
- Access Width: 600mm (1000mm Maximum)
- Swing Direction: One Way / Two Way
- Power Supply: AC100V~248V, 50hz±4%,
- Drive Motor DC 24V Brushless
- Passing Speed: 35-45 Person/Minute
- Material Thickness: 1.2mm/1.5mm
- Normal Work Life: 9 Million Times

### Bridge Type Tripod Turnstile

**BTP-02**



- Semi/Full Automatic Mechanism  
Vertical-Type And 304 Stainless  
Steel Housing With Drop-off Arm
- Transit Speed: 25-30 Person Traffic  
Light/Pass Indicator, Bidirectional /Single  
Directional
- Size: 1200 x 350 x 900mm
- Normal Work Life: 9 Million Times

## Tripod Turnstile

BTP-01



- Semi Automatic Mechanism Vertical-Type And 304 Stainless Steel Housing With Drop-off Arm,
- Transit Speed-25-30 Person,
- Traffic Light/ Pass Indicator, Bidirectional/single Directional
- Size: 420×350×900mm
- Normal Work Life: 9 Million Times

## P Type Swing Barrier

BV-PTP01



- P Type Single Lane Vertical Electric Swing Barrier Single-Brushless Motor
- Size: 420 x 300 x 980mm
- Material Thickness: 1.2mm (Customizable)
- Structure: 304 Stainless Steel
- Normal Work Life: 9 Million Times

## Dual Lane Tripod Turnstile

BTP-01D



- Semi Automatic Mechanism Vertical-type And 304 Stainless Steel Housing With Drop-off Arm
- Transit Speed: 25-30 Person
- Traffic Light/Pass Indicator, Bidirectional/Single Directional
- Size: 420 x 350 x 900mm
- Double Lane Semi-Automatic Vertical Electric Tripod Turnstile
- 420 x 450 x 980mm , 1.2mm Thickness 304 Stainless Steel
- Normal Work Life: 9 Million Times

## Full Height Turnstile Single Lane

FH1



- Automatic Full Height Turnstile IC, ID, Magnet Card, Bar Code And Anti-Static, Etc Control Devices Compatible, Stable Barrier Bar Operation, Low Noise, Fast And Reliable Unlocking, Cut off Emergency Function, Barrier Bar Falls Automatically When Power Cut off, Meet The Fire Safety Requirements, Standard Input And Output Interface
- Size: 2200 x 1350 x 2213mm Double Passage
- Material: 304 Ss
- Drive Mode: Mechanical
- Work Life: 5millions Time
- Input 10-20w
- Normal Work Life: 5 Million Times

## Full Height Turnstile Dual Lane

FH2



- Automatic Full Height Turnstile IC, ID, Magnet Card, Bar Code And Anti-Static, Etc.control Devices Compatible, Stable Barrier Bar Operation, Low Noise, Fast And Reliable Unlocking, Cut off Emergency Function, Barrier Bar Falls Automatically When Power Cut off, Meet The Fire Safety Requirements, Standard Input And Output Interface
- Size: 2200 x1350 x 2213mm
- Double Passage
- Material: 304 ss
- Drive Mode: Mechanical
- Input 10-20W
- Normal Work Life: 5 Million Times

## Boom Barriers

BM-2118-UL



- DC24V, 1.5s~6s Can Be Adjustable With 6m Boom Right/Left Side Installation
- Motor Power 24V DC Brushless Motor
- Protection Class: IP55
- Power Supply: AC 220V 60 Hz
- Opening Time: 2.5 Sec Max, Power 165 W Max
- Torque: 300nm Back-Up, A Pair of 433 MHZ Remote Controllers
- Normal Work Life: 8 Million Times

BM-2121-UL



- INDUSTRIAL GARDE BLDC BARRIER DC24V, 1.5s~5s Can Be Adjustable With 6m Boom Right/Left Side Installation
- Motor Power: 24V DC Brushless Motor
- Protection Class: IP55
- Power Supply: AC220V 60Hz
- Opening Time 2.5 Sec Max. Power 165 W Max.
- Torque 300nm Back-Up, A Pair of 433 MHZ Remote Controllers, With Boom Stand
- Normal Work Life: 9 Million Times

BM-AC6ML



- Electro-Mechanical Barrier With LED. Mild Steel With Power Coating Plus Anti-Corrosion Treatment
- Opening Time: 1.5 to 6 Sec
- Voltage: 220-230V AC/24 VDC, 50/60 Hz
- Size: 380x390(1010mm, Upto 6 Meter Boom and Boom Stand Push Button & Remote Control, Protection Class
- IP55 Right/Left Side Installation
- Normal Work Life: 4 Million Times

BM-DC48



- DC barrier with 6M Boom
- Boom Type: Telescopic
- Length: 6 Meters, Speed: 1.5 to 6 sec
- Voltage: AC220V
- Motor: BLDC Motor, Power:120W
- Direction: Right Hand / Left Hand Version
- Working Temperature:-30°C~80°C
- Dimension: 325 X270X980mm
- Remote Control Distance: 30 Meters"
- Normal Work Life: 5 Million Times Duty Cycle: 90%

BM-DCT04



- Industrial High Speed DC Barrier Gate (Suitable For Toll Gate)
- DC Brushless Servo Motor With Frequency Conversion Control, Allow For A Smooth Trip of The Gate Arm With No Bounce In The End Position
- Fastest Running Speed Can Be 0.4 second (0.4~0.9sec Adjustable)
- 100% Duty Cycle And Free-Maintenance Make The Barrier Be Proper
- Upto 6mtr Boom & Boom Stand
- Protection Class IP55, Right/Left Side Installation
- Normal Work Life: 10 Million Times

BM-DC36L



- DC24V, 1.5~6s Can Be Adjustable With 6m Boom Right / Left Side Installation,
- Motor Power: 24V DC Brushless Motor
- Protection Class: IP55
- Power Supply: AC 220V 60Hz
- Opening Time: 2.5 Sec Max Power 165W Max Torque 300nm Back-Up, A Pair of 433 MHZ Remote Controllers, With Boom Stand
- Normal Work Life: 5 Million Times

BM-DCT09



- DC24V, 0.9-2s Max 3.5m Boom (Suitable For Toll Gate)  
Right/Left Side Installation
- Motor Power: 24V DC Brushless Motor
- Protection Class: IP55
- Power Supply: AC 220V 60 Hz
- Opening Time: 2.5 Sec Max, Power 165W Max
- Torque-300nm-Back-up, a pair of 433 MHZ-Remote Controllers, With Boom Stand
- Normal Work Life: 5 Million Times

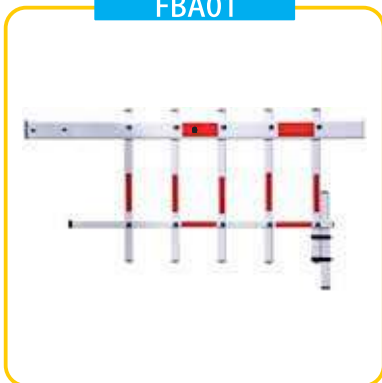
BM-DCT06



- DC24V, 0.3s-6s Max 3m Boom (Suitable For Toll Gate)  
(PATENT TECHNOLOGY)
- Motor Power: 24V DC Brushless Motor
- Protection Class: IP55
- Power Supply: AC 220V 60 Hz
- Opening Time: 3sec Max, Power 240W Max Torque 300nm Back-Up, A Pair of 433 MHZ Remote Controllers
- Normal Work Life: 8 Million Times

## Boom Arm

FBA01



- Fence Boom: 4.5 Meter

FLBA01



- Folding Boom: Main Boom 2 Meter + Vice Boom 2 Meter

Boom Arm



- Straight Boom Arm Upto 6 Meter

Boom Arm



- Telescopic Boom Arm Upto 6 Meter

## Door Frame Metal Detector

### Single Zone (DFMD)

BS-800/1



- Single Zone
- Working Voltage: AC110V-240V 50/60hz
- Maximum Sensitivity:  $\geq 50g$  Metal
- Detection Zone: Can Be Divided By Operator
- Alarm Sound, Light, Tones & Time Can Be Adjusted
- Detection Ability: More Than 100 People In 1 Minutes

### 3 Zone (DFMD)

BS-24/3



- 3 Zone Door Frame Metal Detector
- Working Voltage: AC110V-240V 50/60hz
- Maximum Sensitivity:  $\geq 50g$  Metal
- Detection Zone: Can Be Divided By Operator
- Alarm Sound, Light, Tones & Time Can Be Adjusted
- Detection Ability: More Than 100 People In 1 Minutes
- The Middle Position Can Support The Test To Rs 2 Coins

### 5 Zone DFMD

BS-27/5



- 5 Zone Door Frame Metal Detector
- Maximum Sensitivity  $\geq 30g$  Metal
- Digital Display on The Main Control Box
- People Count,
- Alarm Frequency
- Detected Metal Quantities
- Suitable For Indoor Use
- Working Voltage AC90V~240V 50/60hz
- Vertical Dimensions of Passage (mm) : 2017x720x278

### 18 Zone DFMD

BS-800/18



- 6/18 Zone
- Working Voltage: AC110V-240V 50/60hz
- Maximum Sensitivity  $\geq 50g$  Metal
- Detection Zone Can Be Divided By Operator
- Alarm Sound, Light, Tones And Time Can Be Adjusted
- Detection Ability: More Than 100 People In 1 Mintue



## 18 Zone DFMD

BS-183/18



- 18 Zone Walk Through Metal Detector
- Led Digital Control Box
- 18 Detection Zones
- Dimension: 2171x467x851mm
- Channel Size: 2021x368x716mm
- Working Humidity: 99%, No Condensation
- Working Temperature: -20-85°C
- Input: AC 100V-240V/50hz-60hz
- Detection Sensitivity: 0-200 Levels
- 50 Optional Working Frequency Bands
- Fault Code Indication Function
- With Led Body Position Indicator
- Port For Battery Backup

## 18 Zone DFMD

BS-30/18



- 12/18 Zone DFMD
- Working Voltage: AC 110V-240V 50/60hz
- Sensitivity:  $\geq 10g$  Metal
- Working Humidity: 99%, No Condensation
- Working Temperature: -20-85°C
- Support 8/16/24/48 Zones (Optional)
- Input: AC 100V-240V/50hz-60hz
- Multi-Zone Technology
- Detection Sensitivity: 0-400 Levels
- Fault Code Indication Function

## 24 Zone DFMD

BS-800/24



- 24 Zone
- Working Voltage: AC 110V-240V 50/60hz
- Maximum Sensitivity:  $\geq 50g$  Metal
- Detection Zone Can Be Divided By Operator
- Alarm Sound, Light, Tones And Time Can Be Adjusted
- Detection Ability: More Than 100 People In 1 Minute

## Single Panel 5 Zone DFMD

BS-500/5



- Single Panel, 5 Zones
- One Panel, Two-Ways Detection.
- Unique Three Led Bar Lights, Middle For Stand By, Left/Right For Alarm Separately For Each Side Alarm Separately,
- Big And Strong Foot For Stability
- High Performance, High Sensitivity And High Stability
- Operating Voltage AC 100V~240V 50/60hz

## Entrance Gate Automation System

### SG0-30



- Sliding Gate Operator AC
- Power Supply: 220V ± 10%/50hz
- Motor: 220V 50 Watt
- Gate Moving Speed: 11m/min
- Max Gate Weight: 300kgs
- Environmental  
Conditions: From -25°C To +50°C
- Protection Class: IP44
- Dimensions: 309mmx119mmx244mm

### SG0-60



- Sliding Gate Operator AC
- Power Supply: 220V ± 10%/50hz
- Motor: 220V 50 Watt
- Gate Moving Speed: 11m/min
- Max Gate Weight: 600kgs
- Environmental  
Conditions: From -25°C To +50°C
- Protection Class: IP44
- Dimensions: 309mmx119mmx244mm

### SGW-40



- Powerful Wheel Drive DC 24V Motor  
Makes It Ideal For The Heavy Gate  
And High Frequency Application.
- Power Supply: 220VAC  
50hz/110AC 60hz
- Max Thrust: 600N
- Working Speed: 2.4cm/s
- Max Single Leaf Width: 5m
- Working Temperature: -20°C ~ +50°C
- Electric Motor Power: 24V 100W\*2
- Max Single Leaf Weight: 400kg
- Protection Class: IP55
- Single Leaf or Double Leaves Operation
- Auto Close Function Upto 99 Seconds

### BOL-59S



- Lifting Height: Standard 600mm
- Bollard Wall Thickness: 612 mm (Customized)
- Motor: 3HP\*4P Three-Phase 380V  
(Industrial Grade)
- Bollard Material: 304 Stainless Steel
- Protection Level: IP68
- Collision Grade : K12 Equivalent to The  
Impact of 120KM/h, The Car Was Stopped,  
The Equipment as usual
- Speed Rising Speed: ≤ 3S (Adjustable), Falling
- Falling Speed: ≤ 3S Adjustable
- Through The Pressure: Bearing Over 80 Tons  
Container Truck

### SGA-04



- Screw Drive Actuator With DC 24V  
Worm Gear Motor
- Power Supply: 220V AC 50hz/110V  
AC 60hz Max Thrust 600n
- Working Speed: 2.4cm/s
- Max: Single Leaf Width 3.5m
- Working Temperature: -20°C ~ +50°C
- Electric Motor Power: 24V 100W\*2
- Max Ground Height Adjustment: 100mm
- Max Single Leaf Weight: 400kg
- Protection Class: IP55
- Single Leaf or Double Leaves Operation
- Auto Close Function Upto 99 Seconds

### SGA-02



- Motor Voltage: 24V DC 40W
- Max Gate Open Angle: 110 Degree  
Dual Swing Gate
- Gross Weight : 15kg
- Input Power: 220V AC ± 10%/  
120V AC ± 10%
- Max Single-Leaf Length : 2.5meters
- Max Single-Leaf Weight : 200 Kg
- Arm's Extended Speed : 1.6 Cm/s
- DC 24V Back Up Battery  
Can Be Incorporated

PC101



- Beam Sensor 100Mtr.

PC10



- Photocell Sensor For Boom Barrier

LD1



- Single Loop Detector
- Dual Loop Detector

RD10



- Radar Sensor For Boom Barrier & Turnstiles

U60R



- UHF Desktop Reader Writer Interface : USB  
Operating Mode : USB Read Only/Read-Write Mode

PC11



- High Quality Photo Cell

PC12S



- Solar Type Battery Photocell HW-09

PC-15RF



- Mirror Reflector Beam Sensor

MD-E1



- Hand Held Metal Detector

BOL-59CT



- Controller Cabinet For Bollard (Control Upto 4 Bollards)

Rail Track



- Rail Track For Sliding Gate Operator (Per Running MTR Cost)

## ANPR Camera & UHF Reader

### Display for ANPR Camera

B-019D



- All-In-One IP66 Waterproof Rating Design LPR Camera
- 4 Line LED Display Built In
- Guidance / Welcome Message Show License Plate Number

### ANPR Camera

B-LPR-4



- License Plate Recognition Camera,
- 2 Million Starlight Imaging Effect,
- Dual Core Processor CNN Acceleration
- VIR 4.0 Algorithm Supports Comprehensive And Accurate Vehicle Information Identification
- 11 Types Of Vehicle Identification
- All Day License Plate Recognition Rate Is 99.8%:
- 100ms Fast Opening Experience
- Designed For Unattended, Easy To Install And Maintain
- It Supports Tf Card Data Storage
- Solutions Such As Vehicle Non Parking Charge, Vehicle Access Management, Parking Time Charge, Parking Space Reservation, Big Data Collection, VIP Member Management, Etc.

### UHF Reader

BS-UR05



- Frequency :902~928MHz (US 865~868MHz (EU)
- Protocol : ISO18000-6C(EPC GEN2)
- Antenna : Built In 7dbi Antenna
- Work Mode : Active Mode, Answer Mode, Trigger Mode (Optional)
- Reading Distance : 0~7 Meter (Depends on Tag)
- RF Power : 30dbm (Adjustable)
- Communication Interface : USB, WG26.TRIGGER
- Power Supply :12V 2A

### UHF Reader

BS-UR09



- Frequency : 902~928MHz (US 865~868MHz (EU)
- Protocol : ISO18000-6C(EPC GEN2)
- Antenna : Built In 9dbi Antenna
- Work Mode : Active Mode, Answer Mode, Trigger Mode (Optional)
- Reading Distance : 0~10 Meter (Depends on Tag)
- RF Power : 30dbm (Adjustable)
- Communication Interface : USB, WG26.TRIGGER
- Power Supply : 12V 2A

### UHF Reader

BS-UR09R



- Frequency : 902~928MHz (US 865~868MHz (EU)
- Protocol : ISO18000-6C(EPC GEN2)
- Antenna : Built In 9dbi Antenna
- Work Mode : Active Mode, Answer Mode, Trigger Mode (Optional)
- Reading Distance : 0~10 Meter (Depends on Tag)
- RF Power : 30dbm (Adjustable)
- Communication Interface : USB, WG26.TRIGGER
- Power Supply : 12V 2A

### UHF Reader

BS-UR15



- Frequency : 902~928MHz (US 865~868MHz (EU)
- Protocol : ISO18000-6C(EPC GEN2)
- Antenna : Built In 12dbi Antenna
- Work Mode : Active Mode, Answer mode, Trigger mode (Optional)
- Reading Distance : 0~15 Meter (Depends on Tag)
- RF Power : 30dbm (Adjustable)
- Communication Interface : USB, WG26.TRIGGER
- Power supply : 12V 2A

## Time Attendance

**BS-101/101W**



- Finger User Capacity: 1000
- Card User Capacity : 1,000
- Password User Capacity : 1,000
- Log Capacity : 1,00,000
- Communication Interface : USB (101W), USB, WiFi
- Screen Size : 2.4 Inch TFT Color Screen
- Access Control : NA

**BS-20**



- Finger User Capacity: 5000
- Card User Capacity : 5,000
- Password User Capacity : 5,000
- Log Capacity : 1,00,000
- Communication Interface : TCP/IP, USB,WIFI
- Screen Size : 2.8 Inch TFT Color Screen
- Battery- Optional
- Access Control : Lock, Push Button, Exit Reader Push Data : Yes

**BS-506Ai**



- Face User Capacity : 5000
- Card User Capacity : 5,000
- Password User Capacity : 5,000
- Log Capacity : 5,00,000
- Communication Interface : TCP/IP, USB,WIFI
- Screen Size : 4 Inch TFT Color Screen
- Access Control : Lock, Push Button, Exit Reader Push Data : Yes

**BSF-28**



- Finger User Capacity: 5000
- Card User Capacity : 5,000
- Password User Capacity : 5,000
- Log Capacity : 1,00,000
- Communication Interface : TCP/IP, USB, WIFI(Optional)
- Screen Size : 2.8 Inch TFT Color Screen
- Access Control : Pro Access Control
- Push Data : Yes

**BS-605**



- Finger User Capacity: 1000
- Face User Capacity : 1000
- Card User Capacity : 1,000
- Password User Capacity : 1,000
- Log Capacity : 1,00,000
- Communication Interface : TCP/IP, USB,WIFI(Optional)
- Screen Size : 2.8 Inch TFT Color Screen
- Battery- Optional
- Access Control : Lock, Push Button
- Push Data : Yes

**BS-605Ai**



- Face User Capacity : 5000
- Card User Capacity : 5,000
- Password User Capacity : 5,000
- Log Capacity : 5,00,000
- Communication Interface : TCP/IP, USB,WIFI
- Screen Size : 4.3 Inch TFT Color
- Touch Screen
- Battery- Optional
- Access Control : Lock, Push Button, Exit Reader Push Data : Yes

**BSF-606**



- Face User Capacity : 5000 (Expandable upto 50k)
- Card User Capacity : 5,000
- Password User Capacity : 5,000
- Log Capacity : 5,00,000
- Communication Interface : TCP/IP, USB,WIFI
- Screen Size : 4.3 Inch TFT Color Touch Screen
- Access Control : Lock, Push Button,
- Exit Reader Push Data : Yes

**BSF-607**



- Finger User Capacity: 1000 (Expandable Upto 15k)
- Face User Capacity : 5000 (Expandable Upto 50k)
- Card User Capacity : 5,000 (Expandable Upto 50k)
- Password User Capacity : 5,000 (Expandable Upto 50k)
- Log Capacity : 5,00,000
- Communication Interface : TCP/IP, USB,WIFI
- Screen Size : 2.4 Inch TFT Color Touch Screen
- Access Control : Lock, Push Button
- Exit Reader Push Data : Yes

**BSF-55 Ultra**



- Finger User Capacity: 5000
- Face User Capacity : 5000
- Card User Capacity : 5,000
- Password User Capacity : 5,000
- Log Capacity : 5,00,000
- Communication Interface : TCP/IP, USB,WIFI
- Screen Size :4.3 Inch TFT Color Touch Screen
- Access Control : Lock, Push Button,
- Exit Reader Push Data : Yes

**BSF-1505**



- Finger User Capacity: 5000
- Face User Capacity : 5000
- Card User Capacity : 5,000
- Password User Capacity : 5,000
- Log Capacity : 5,00,000
- Communication Interface : TCP/IP, USB, WIFI
- Screen Size :7 Inch TFTColor Touch Screen
- Battery- NA
- Access Control : Lock, Push Button, Exit Reader
- Push Data : Yes



Face



Password



Card



Fingerprint



IP55



7 Inch Touch Screen

## Multi-Door Controller & Elevator Controller

### Access Controller

AD-1



- Access Controller For Door/Barrier /Turnstiles
- 1 Door 2 Reader
- 42000 Cards , 200000 Record Capacity
- TCP/IP , Free Windows Software
- Compatible With EM/Mifare/HID Readers And Cards
- Time Zone, APB, Grouping, Inter Locking

### Access Controller

AD-2



- Access Controller For Door/Barrier /Turnstiles
- 2 Door 4 Reader
- 42000 Cards , 200000 Record Capacity
- TCP/IP , Free Windows Software
- Compatible With EM/Mifare/HID Readers And Cards
- Time Zone, APB, Grouping, Inter Locking

### Access Controller

AD-4



- Access Controller For Door/Barrier /Turnstiles
- 4 Door 8 Reader
- 42000 Cards , 200000 Record Capacity
- TCP/IP , Free Windows Software
- Compatible with EM/Mifare/HID Readers And Cards
- Time Zone, APB, Grouping, Inter Locking

### Access Controller

Biomac S2



Project Series

- Web Based Multi Door Controller
- Manage Upto 8 doors 2 Way (Wiegand)
- No. of Cards Storage : 20,000
- No. of Transaction Storage : 60,000 Logs
- Built In Web Server

### Access Controller

Biomac D4



Project Series

- Web Based Multi Door Controller
- Manage Upto 4 doors 1 Way (Wiegand)
- No. of Cards Storage : 20,000
- No. of Transaction Storage : 60,000 Logs
- Built In Web Server

### Elevator Controller

EVC16A



- Elevator Control Panel
- Rs485 Connection Over Controller And Reader.
- 16-Storey Floor Control Per Evc5816A System.
- 20,000 ~ 50,000 Cardholders Capacity Per System.
- 10 Layers Bypass Time Zone For Doors/ Users Access Authority.
- Software (Lift Control Module).

## Access Controller For Door/Barrier/Turnstiles

### BIOMAC-OS202



#### Project Series

- 2 Door 4 Reader (Wiegand)
- 2 Door 4 Reader (OSDP)
- AES Communication (AES-128, TSL 1.2, HTTPS)
- 200000 Cards, 500000 Record Capacity System Log Capacity 20k
- TCP/IP, Web And Cloud Software
- Compatible With EM/Mifare/HID Readers And Cards
- Time Zone, APB, Grouping Etc. POE Compatible

## Access Controller For Door/Barrier/Turnstiles

### BIOMAC-R21



- 1 Door Touch Keypad
- 60000 Cards, 30000 Record Capacity
- System Log Capacity 1536
- TCP/IP, Builtin Web Based Software
- Exit Reader
- Compatible With EM/Mifare/HID Readers And Cards
- Time Zone, APB, Grouping Etc.
- POE Compatible

## Elevator Control Panel

### Biomac S3



#### Project Series

- Rs485 Connection Over Controller And Reader.
- 128-Storey Floor Control Per Biomac-S3-V2 System.
- 7-Storey Hall Call Per Biomac-S3-V2 System.
- 20,000 ~ 50,000 Card Holders Capacity Per System.
- 10 Layers By Pass Time Zone For Doors/Users Access Authority. Web Based Controllable.
- Software (Lift Control Module)

## Standalone Access Control

### BK12V



- Push Keypads + ABS Body
- Support EMID card (125 KHz)
- User Capacity 2000 Users
- Connect Exit Reader
- Connect Exit Switch
- Connect Door Bell
- DC12V

### KM45



- Touch Keypads + ABS Body
- Support EMID card, Mifare
- User Capacity 2000 Users
- Connect Exit Reader
- Connect Exit Switch
- DC12V

### KM35A



- Push Keypads + ABS Body
- Support EMID Card (125 KHz)
- User capacity 2000 Users
- Connect Exit Reader
- Connect Exit Switch
- Connect Door Bell
- DC12V



## BA32



- Push Keypads + ABS Body
- Support EMID Card (125 KHz)
- User capacity 1000 Users
- Connect Exit Switch
- Connect Door Bell
- DC12V

## KM3E



- Button Push Keypads + ABS Body
- Support EMID Card (125 KHz)
- User capacity 2000 Users
- Connect Exit Reader
- Connect Exit Switch
- DC12V

## KM32E



- Button Push Keypads + ABS Body
- Support EMID Card (125 KHz)
- User Capacity 2000 Users
- Connect Exit Reader
- Connect Exit Switch
- Connect Door Bell
- DC12V

## BT20



- Touch Keypads + ABS Body
- Support EMID Card (125 KHz)
- User Capacity 2000 Users
- Connect Exit Reader
- Connect Exit Switch
- Connect Door Bell
- DC12V

## BT12



- Touch Keypads + ABS Body
- Support EMID card, Mifare
- User Capacity 2000 Users
- Connect Exit Reader
- Connect Exit Switch
- Connect Door Bell
- DC12V

## BT12V



- Push Keypads + ABS Body
- Support EMID Card (125 KHz)
- User Capacity 2000 Users
- Connect Exit Reader
- Connect Exit Switch
- Connect Door Bell
- DC12V

## BT12AP



- Push Keypads + ABS Body
- Support EMID Card (125 KHz)
- User Capacity 2000 Users
- Connect Exit Reader
- Connect Exit Switch
- Connect Door Bell
- DC 12V
- Smart Life App

## BS-WIDL5



- WIFI OLED Display Access Control
- Touch Keypad, With OLED display
- Waterproof, Conforms To IP66
- Metal Housing, Anti-Vandal
- EM Card 10000 User capacity
- Add / Delete Users By App
- Can Set Time Restriction For Users
- Temporary Password (One-Time or Period Code)
- Support Checking Opening Record
- Multiple Access Modes: Smartphone, Card, PIN
- Doorbell Call, App Control

## A-51



- Touch Keypads + Metal Body
- Support EMID card 10k + Fingerprint 200
- User Capacity 2000 Users
- Connect Exit Reader
- Connect Exit Switch
- Connect Door Bell
- DC12V + IP 68
- Smart Life App

BS-50L



- Touch Keypads + Metal Body
- Support EMID card 10k + Fingerprint 200
- Connect Exit Reader
- Connect Exit Switch
- Connect Door Bell
- DC12V + LCD Display

A52L



- Touch Keypads + ABS Body
- Support EMID card 10k + Fingerprint 200
- Connect Exit Reader
- Connect Exit Switch
- Connect Door Bell
- DC12V + LCD Display

A50



- Touch Keypads + Metal Body
- Support EMID card 10k + Fingerprint 200
- Connect Exit Reader
- Connect Exit Switch
- Connect Door Bell
- DC12V + IP 68

A30



- Remote + Metal Body
- Support Mifare card 2000 + Fingerprint 1000
- Connect Exit Reader
- Connect Exit Switch
- DC12V + IP 68

A60



- Push Keypads + ABS Body
- Support EMID card + Fingerprint (125 KHz)
- User capacity 500 users
- Connect Exit Switch
- Connect Door Bell
- DC12V

A80



- 2.8Inch LCD Display
- Push Keypads
- Support EMID card + Fingerprint
- Standard user capacity 1000 users
- Wiegand IN/OUT
- Bell Timer Setting
- USB Communication/ Data backup
- Excel Attendance Report

A-40



- Push Keypads + ABS Body
- Support EMID card (125 KHz)
- User capacity 1000 users
- Connect Reader + Exit Switch
- Connect Door Bell
- DC12V

BMT12



- Touch Keypads + Metal Body
- Support EMID card
- User capacity 2000 users
- Connect Exit Reader
- Connect Exit Switch
- Connect Door Bell
- DC12V + IP 68

BMK16



- Push Button Keypad + Metal Body
- Support EMID card
- User capacity 2000 users
- Connect Exit Reader
- Connect Exit Switch
- Connect Door Bell
- DC12V + IP 68

## BS-FM5



- WIFI OLED Display Access Control
- Touch Keypad, With OLED Display
- Waterproof, Conforms To IP66
- Metal Housing, Anti-Vandal
- EM Card 10000 User 10k + Fingerprint User 200
- Add / Delete Users By APP
- Can Set Time Restriction for users
- Temporary Password (One-Time or Period Code)
- Support Checking Opening Record
- Multiple Access Modes: Smartphone, Card, PIN Doorbell Call



WiFi



Pin



Card



Fingerprint



IP66



Smart Life App

## Smart Locks

## C-93



- Unlocking Method:-APP,FP/Card/Password,Remote
- Features:Doorbell,Featured Display,Voice Prompt
- FP-200/Card-1000/Password-1000 User Capacity
- Emergency Power Unlock Feature by USB Power Source
- Power 4 Nos 1.5V High Power Alkaline batteries
- Suitable for 8-12MM Door Thickness

## C-94



- Face and Fingerprint Smart Door Lock:
- Unlocking Method:-APP, Face/FP/Card/Password,Remote
- Features:Doorbell,Featured Display,Voice Prompt
- Face-100,FP-200,Card-1000,Password-1000 User Capacity
- Emergency Power Unlock Feature By USB Power Source
- Power 1 No Li-Ion Batteries (Included)
- Suitable For 8-12mm Door Thickness

## BS-92



- Unlocking Method:-APP,FP/Card/Password,Remote
- Features:Doorbell,Featured Display,Voice Prompt
- FP-200/Card-1000/Password-1000 User Capacity
- Emergency Power Unlock Feature By USB Power Source
- Power 4 Nos 1.5V High Power Alkaline Batteries
- Suitable for 10-20mm Door Thickness

## BS-95WFL



- All Wireless, No Need Wires Any More, Easy For Installation And Operation
- Open Times: 16,000 Times For Lock, 10,000 Times For Keypad
- 433mhz Rolling Code Technology, Ultra Low Power Consumption
- Metal Wireless Fingerprint Keypad,(IP65)
- 1000 Users (Including 100 Fingerprint Users + 900 Pin / Card Users)
- 4~6 Digits Pin, 125khz Em Card
- Communication Distance: 20m Max, Open The Lock By Fingerprint Keypad,
- Wireless Exit Button And Remote Transmitters
- Battery Life: More Than 12 Months
- Working Outdoor. IP65 (Fingerprint Keypad)

BS-97WFL



- All Wireless, No Need Wires Any More, Easy For Installation And Operation
- Open Times: 16,000 Times For Lock, 10,000 Times For Keypad
- 433mhz Rolling Code Technology, Ultra Low Power Consumption
- Metal Wireless Fingerprint Keypad, (IP65)
- 1000 Users (Including 100 Fingerprint Users + 900 Pin / Card Users) 4~6 Digits Pin, 125khz Em Card
- Communication Distance: 20m Max, Open The Lock By Fingerprint Keypad,
- Wireless Exit Button And Remote Transmitters
- Battery Life: More Than 12 Months
- Working Outdoor IP65 (keypad)

BS-96WFL



- All Wireless, No Need Wires Any More, Easy For Installation And Operation
- Open Times: 16,000 Times For Lock, 10,000 Times For Keypad
- 433mhz Rolling Code Technology, Ultra Low Power Consumption
- Metal Wireless Fingerprint Keypad, (Ip65)
- 100 Card And Pin Users
- 4~6 Digits Pin, 125khz Em Card
- Communication Distance: 20m Max, Open The Lock By Fingerprint Keypad,
- Wireless Exit Button And Remote Transmitters
- Battery Life: More Than 12 Months
- Working Outdoor. Ip65 (keypad)

BS-98WCL



- All Wireless, No Need Wires Any More, Easy For Installation And Operation
- Open Times: 16,000 Times For Lock, 10,000 Times For Keypad
- 433mhz Rolling Code Technology, Ultra Low Power Consumption
- Metal Wireless Fingerprint Keypad,(ip65)
- 1000 Users
- 4~6 Digits Pin, 125khz Em Card
- Communication Distance: 20m Max, Open The Lock By Fingerprint Keypad,
- Wireless Exit Button And Remote Transmitters
- Battery Life: More Than 12 Months
- Working Outdoor. IP65 (keypad)

BR-60



- With App
- User Capacity: 300
- Lock Body Material: Steel, Key: 3 Pcs Flat Key
- Double Cylinder: Brass, Double Fingerprint,
- Language : English
- Unlock Mode : Dual Fingerprint, Card, Password Keys
- 4pcs AAA Battery
- Door Thickness: 45-90mm
- Cycle Test Over: 100000 Times

BR-70



- Unlock Mode : Fingerprint, Password,
- Card, Key, Indoor Knob
- Material : Stainless Steel Plus ABS
- Double Fingerprint
- Applicable Door Thickness : 35-50mm

BR-90



- Fingerprint Capacity : 100
- Battery Life : 80,000 Times Normal Unlock
- Communication : WiFi
- Material : Aluminum Alloy
- Unlock Mode : Fingerprint, Card, Pass, Key, App

H-18



- Material : Zinc Alloy
- Card Type : MF1
- Unlock Mode : Card, Key
- Inductive Distance : < 5cm
- Door Thickness : 35-75mm
- Power Supply : 1.5V\*4 High Capacity Alkaline Battery
- Record : 256 Door Opening Record

TP-618AP



- Fingerprint Smart Handle Door Lock
- Unlocking Method:-APP,FP/Card/Password, Alexa,Google Assistant
- Features: Doorbell, Featured Display, Voice Prompt
- Fingerprint/Card/Password-300
- Emergency Power Unlock Feature By USB Power Source
- Power 4 Nos 1.5V High Power Alkaline batteries
- Suitable for 35-50MM Door Thickness

H-36



- Material : Zinc Alloy
- Card Type : MF1
- Unlock Mode : Card,Key
- Inductive Distance : < 5cm
- Door Thickness : 35-75 mm
- Power Supply : 1.5V\*4 High Capacity Alkaline Battery
- Record : 256 Door Opening Record

B-500AP



- Finger and Face Intercom Cat Eye App Smart Lock 100 User Capacity
- Unlock Way : App/3D Face, Card, Password, Fingerprint, Key
- Door Thickness : 35 to 120mm
- Power 1 No Li-Ion Batteries (Included)

BS-05F



- Face and Fingerprint Smart Door Lock
- Unlocking Method : APP, Face, FP, Card, Password, Alexa, Google
- Features: Face Camera Doorbell, HD Display, Voice Prompt
- Face-50, FP-100,Card-100,Password-100
- Emergency Power Unlock Feature By USB Power Source
- Power 4200mAh Lithium Battery , USB Emergency Port
- Suitable For 35-50mm Door Thickness



Face



Password



Card



Fingerprint



IP56



Smart Life App

## Guard Patrol System

WM-5000X1



- Fingerprint RFID Guard Tour System
- IP Rating IP67
- Reading Mode RFID 125khz, Reading Distance 3cm - 5cm
- Communication Pogo Pin USB(Drive-Free)
- Battery 3.7v/2000mah Rechargeable Lithium Batteries
- After Low Power, For 16 Days Using.
- Prompt Vibration + Oled Display + Voice
- Night Patrols Can Also Be Convenient
- High Led Lighting, Effective Irradiation Distance of 6 Meters,
- Night Patrol More Convenient
- Security Guard Management Software

WM-5000V4S



- High-Light Flashlight Security Guard Tour System
- IP Rating IP67
- Reading Mode RFID 125khz, Reading Distance 3cm - 5cm
- Communication Pogo Pin USB (Drive-Free),
- 15000 Record Uploading/Min, (Battery Life 1 Record/Sec, For 40 Hours Using 2 Reading 500 Record/Day, For 30 Days Using.)
- Prompt Vibration With Colorful Led Light (Red/ Green/ Blue)
- Security Guard Management Software

WM-5000L4



Panic Alarm



Impact Detect



Mandown Alarm



Pedometer



Voice Call



Alarm Clock



Fingerprint Identification



Online Upload



GPRS Tracking

- Fingerprint Identification. Prevent Guard Cheating,
- GPS tracking. Track Patrol Tracks of Employees In Real-Time And Support Playback.
- Support Upload Data Online.
- Voice Call Function. Memory 5 Fixed Contact Numbers.
- Managing, Tracking Employees.
- Strong And Durable, Dustproof And Waterproof Rating is IP67.
- Vibration + LED Flash Prompt Working Status.
- Long Battery Life, Low Power Consumption.
- Free Management Software

Coin Tag



- Guard Tour Coin Tag

JWM Tag



- Guard Tour Tag

MF1



- Encrypted Hotel Lock Card

H-EN/S



- Hotel Lock Encoder And Software

H-ES1



- Energy Saving Switch

## Access Control Accessories

V3



- V3 125kHz Proximity Card Reader,
- Read Range : 5~10cm,
- Reading Time < 300ms,
- Power : DC 5~12V/70ma,
- Output Format: 26 Bit Weigand

V8



- V8 MIFARE Card Reader,
- Read Range : 5~10cm,
- Reading Time < 300ms,
- Power : DC 5~12V/70ma,
- Output Format: 26 Bit Weigand

V9



- V9 125kHz Proximity Card Reader,
- Read Range : 5~10cm,
- Reading Time < 300ms,
- Power : DC 5~12V/70ma,
- Output Format: 26 Bit Weigand

V6



- V6 125kHz Proximity Card Reader,
- Read Range : 5~10cm,
- Reading Time < 300ms,
- Power : DC 5~12V/70ma,
- Output Format: 26 Bit Weigand

V5



- V5 125kHz Proximity Card Reader,
- Read Range : 5~10cm,
- Reading Time < 300ms,
- Power : DC 5~12V/70ma,
- Output Format: 26 Bit Weigand

V10M



- V10 Metal 125kHz Proximity Card Reader,
- Read Range : 5~10cm,
- Reading Time < 300ms,
- Power : DC 5~12V/70ma,
- Output Format: 26 Bit Weigand

QR1



- QR Code Card Reader With TCP/IP Output

QR2



- QR Code Card Reader Weigand

BPDE1



- Dome Exit Switch Metal Heavy Duty



■ Bp6a Series Button is Casted By 304 Stainless Steel With Drawing Panel Processing. It Is Elegant Style With Long Time Usage



■ BP 6 Series Button is Casted By 304 Stainless Steel With Drawing Panel Processing. It Is Elegant Style With Long Time Usage



■ BP 6+ Series Exit Switch 304 Stainless Steel Elegant Style With Long Time Usage NO / NC / COM



■ Zinc Exit Switch With Back Box For Surface Mount It Is L-80mm W-30mm H-25mm, Highly Used For Doors With Narrow Frame



■ Touch Button is Surface Amount With Blue And Green Led Lights. The Dimension Is L-86mm W-50mm H-20mm



■ BPE 9 Series Button Is Casted By Plastic With Fireproof Material The Dimension Is L-86mm W-43mm H-13(h)mm



■ BPB 5 Series Button Is Casted By Plastic With Fireproof Material The Dimension Is L-86mm W-86mm H-20mm



■ BPB 5+ Series Button Is Casted By Plastic With Fireproof Material The Dimension Is L-86mm W-43mm H-13mm



■ BP 86l Led Series Exit Button Stainless Steel Elegant Style With Long Time Usage.



■ Key Switch



■ No Touch Sensor Door Release Button Switch DC12V. Blue Light For Stand By And Green Light For Active Sensing Distance is 1-15cm Adjustable. 304 Stainless Steel Material.



■ No Touch Sensor Door Release Button Switch DC 12V Blue Light For Stand By And Green Light For Active Sensing Distance is 1-15cm Adjustable. 304 Stainless Steel Material.



■ No Touch Sensor Door Release Button Switch DC 12V Blue Light For Stand By And Green Light For Active Sensing Distance is 1-15cm Adjustable. 304 Stainless Steel Material.



■ V9 125khz Proximity Card Reader, Read Range : 5~10cm, Reading Time < 300ms, Power : DC 5~12V/70ma, Output Format: 26 Bit Weigan



■ No Touch Sensor Door Release Button Switch DC12V Blue Light For Stand By And Green Light For Active Sensing Distance is 1-15cm Adjustable.



■ No Touch Sensor Door Release Button Switch DC 12V Blue Light For Stand By And Green Light For Active, Sensing Distance is 1-15cm Adjustable



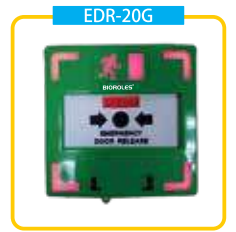
■ Emergency Door Release Switch For Access Control System Use The Fireproof Material, Accord With The Safe Request Sandblast Panel With Elegant Style Different Colors Options For Different Occasions



■ Emergency Door Release Switch For Access Control System Use The Fireproof Material, Accord With The Safe Request Sandblast Panel With Elegant Style Different Colors Options For Different Occasions



■ Emergency Door Release Switch For Access Control System Use The Fireproof Material, Accord With The Safe Request Sandblast Panel With Elegant Style Different Colors Options For Different Occasions



■ EDR With Flash LED Light And Dual Tone Sound



■ EDR With Flash LED Light And Dual Tone Sound



■ Remote Lock Opener For Electrical And Magnetic Lock With Two Remote



■ 600 LBS \*2 EM Lock Suitable For Double Leaf Door Without Feedback



■ 600 LBS \*2 EM Lock Suitable For Double Leaf Door With Feedback



■ 1200 LBS \*2 EM Lock Suitable For Double Leaf Door Feedback



EML6005



■ 600 LBS 280Kg EM Lock  
5 Wire NO / NC / Com  
With Feedback 12/24  
Selectable

EML6002



■ 600 LBS 280Kg EM Lock  
Without Feedback

EML6005



■ 600 LBS 280Kg EM Lock  
Without Feedback

EML102



■ 100 LBS 60Kg EM Lock  
Without Remote

EML302



■ 300 LBS 180Kg EM Lock  
Without Feedback

EML304W



■ 300 LBS 180Kg EM Lock  
With Feedback

EML12002W



■ 1200 LBS 500Kg EM Lock  
Without Feedback 12 / 24  
Switchable

EML12005W



■ 1200 LBS 500Kg EM Lock  
With Feedback

EML6002R



■ 600 LBS 280Kg EM Lock  
With Remote

BVPEL2



■ Motorised Rim Lock

BVPEL3



■ Motorised Rim Lock  
5 Computer Brass Key  
Dual Cylinder Remote  
Card

BVPEL1



■ Rim Lock With 5  
Computerised Brass  
Key Dual Cylinder  
NO / NC Feature

BB101



■ Frameless Drop Bolt  
Lock For Glass Door

BSBS



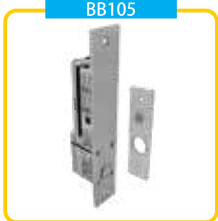
■ Surface Bolt Lock

BB102



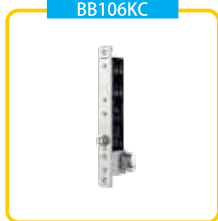
■ Bolt Lock 2 Wire

BB105



■ Bolt Lock 5 Wire

BB106KC



■ Fail Secure Bolt Lock  
With Cylinder And Key

BB108



■ Fail Secure Bolt Lock

BS130



■ Strike Lock Small  
NO / NC

BS132



■ Strike Lock Long  
NO / NC

BDL1



■ Smart Card Drawer Lock

BDL2



■ Password Based  
Drawer Lock

MC1C/MC1NO



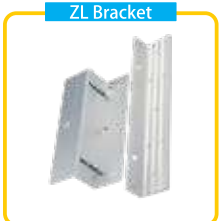
■ Small / Magnetic  
Contact NO / NC

MS-SH1



■ Shutter Magnetic  
Contact

ZL Bracket



■ ZL Bracket For 600 LBS  
EM Lock



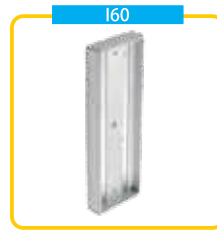
■ U Bracket For 600 LBS EM Lock



■ L Bracket For 600 LBS EM Lock



■ LC Bracket



■ I Bracket To Hold EM Lock Armature Plate



■ Door Bell For Access Control 12V DC



■ Hooter For Access Control And Intrusion 12V DC



■ Hooter For Fire And Intrusion 12/24V DC Triple Tone



■ Mifare Smart Card USB Card Reader  
Read Range: 5~10 cm  
Reading Time: <300 ms  
Power: USB Powers



■ GG Bracket For 600 LBS EM Lock Used For Frameless Glass Door



■ Bolt Lock SS Bracket For Door



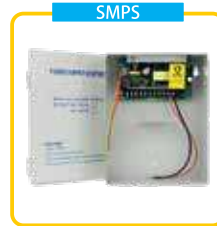
■ Bolt Lock SS Bracket For Door And Frame



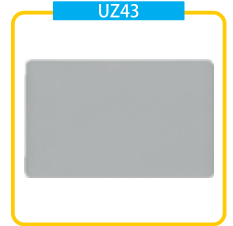
■ Bolt Lock Aluminium Bracket For Door



■ Access Control Enclosure With Lock And Key



■ SMPS- Made In India Access Control / CCTV  
SMPS 3AMP 12V DC  
5AMP 12V DC 7AMP 12V DC, 10AMP 12V DC



■ UHF Card



■ ISO / Mifare Card



■ Proximity 0.8mm Card



■ Proximity Tags



■ UHF Soft Label



■ UHF Anti-Dismantle Soft Tag



YLI ELECTRONIC



UL 294 & 1034  
Certifications

## Electromagnetic Lock

## SOLUTIONS WE OFFER :

**Parking Management Solutions** streamline the allocation of parking spaces using automated systems and mobile apps, allowing users to find and reserve spots easily while providing data analytics for optimizing usage.

**Entrance Control Solutions** enhance security with systems like turnstiles and biometric scanners, facilitating smooth and secure access to buildings while preventing unauthorized entry.

**Access Control Solutions** utilize card-based and biometric technologies to manage who can enter specific areas, often integrated with cloud-based management for remote monitoring.

**Visitor Management Solutions** simplify the check-in process with software that registers visitors, allows pre-registration, and maintains compliance with security protocols, ensuring a seamless experience.

**Time Attendance Solutions** track employee hours using fingerprint and face recognition devices and mobile apps, integrating with payroll systems for accurate compensation and efficient workforce management.

**Library Management Solution** for tracking, storing, identifying, issuing, and reissuing library books as well as calculating fees. Our Library Management Solution (LMS) helps to make the libraries more digital and efficient.

Together, these solutions create a secure, efficient, and user-friendly environment in various organizational settings.

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Indian Institute of Management Udaipur



Bihar Vidhan Sabha



गृह मंत्रालय  
MINISTRY OF  
HOME AFFAIRS



## **Bioroles Automation Systems Pvt. Ltd.**

**F-90/9, Okhla Industrial Area, Phase-1, New Delhi-110020**



**[www.bioroles.com](http://www.bioroles.com)**