Biometric & Access Control Devices

Controlled through Cloud
Syrotech Networks is a High-Tech Enterprise specialized in Design, Development and Manufacturing Optical Fiber Network Communication Products and Fiber Optic Components. We are constantly engaged in various R&D activities towards Development, Design and Research for bringing innovative products blend with the latest technology. Syrotech has the unique combination of highly talented R&D with the robust state-of-the-art manufacturing facility based out of India, Korea and China. We manufacture Compatible Optical Transceivers (SFP, SFP+, XFP, X2, CLSFP), Optical Transmitter, EDFA (Erbium Doped Fiber Amplifier), EYDFA (Erbium Ytterbium Doped Fiber Amplifier), GEPON-OLT & ONU, GPON-OLT & ONT, Fiber Switches, POE Switches, Fiber Media Converters, DWDM, CWDM-AODM Mux Demux, LIU, MDU, FOB, ODF, Android Box, Wi-Fi Routers, PLC Splitters, Fast Connectors, Adapters, Fiber Attenuators, Pig tails, Fiber Patch Cords, in-door & outdoor Fiber Cables, Drop Cables, Optical Fiber Testing Tools and Accessories etc. Syrotech has now launched Security and Surveillance products with the aim of providing safety, reliability and efficiency. Our paraphernalia includes products like CCTV, Biometric & Access Control, RFID, Entrance Products(Boom Barriers and Turnstiles), Smart Locks, PoE Switches, Home Automation products etc. We continue to provide smart solutions with advanced technologies which are engineered to help you achieve greater business value.

**WHY CHOOSE US**

- Guaranteed Quality
- Universal Compatibility
- Quality Certified
- Competitive Price
- Industrial Compliant
- Deployed in Major Networks
- Fast Delivery
- Wide Range of Products
Biometric Machines

Syrotech Biometric series include cutting-edge hybrid biometric technology products and solutions. We provide full range of solutions including various fingerprints, face recognition, RFID identifications, time and attendance software and mobile apps etc. Our latest range of high performance optical fingerprint scanners are supported by powerful SDK and are ergonomically designed, resistant to scratch, impact and electrostatic discharge due to its hardened contact area. Adapting user friendly interface and latest technology it improves performance, accelerates identification speed and possesses higher extendibility for various customization requirements.

Syrotech offers range of solutions that are provided with software for effective performance and reports. Our cloud based solutions are ideal for small, medium scale businesses ultimate scalability and affordable time and attendance solutions. Use HRM (Multiple shifts, leaves, scheduling, with access to various customizable time and attendance reports, payroll, analytical tools etc in real time.)
Fingerprint Biometric Machines

**Standalone USB Fingerprint Biometric Machine**

**Product Specification:**
- LCD Screen: 2.4" TFT LCD
- Fingerprint Sensor: 500 DPI Optical
- Identification time: <0.8S
- Communication: USB
- Fingerprint: 2000
- Password capacity: 2000
- Record capacity: 60000
- Power Adaptor: DC 5V
- Weigand: Supported
- Operating Temp.: -10-60°C
- Microsoft Excel Reporting Format Supported

**Standalone USB Fingerprint Biometric Machine RFID (W Access Control)**

**Product Specification:**
- LCD Screen: 2.4" TFT LCD
- Fingerprint Sensor: 600 DPI
- Identification time: <0.8S
- Communication: USB
- Fingerprint: 1000
- Password capacity: 1000
- RFID Card: 1000 (ID Cards)
- Record capacity: 60000
- USB Data Backup: Supported
- Weigand: Supported
- Power Adaptor: DC 9V
- Operating Temp.: -10-60°C
- Allowable rotation: 360° (all direction)
- Microsoft Excel Reporting Format Supported

**Fingerprint biometric machine (TCP/IP / RFID) (W Access Control)**

**Product Specification:**
- LCD Screen: 2.4" TFT LCD
- Fingerprint Sensor: 600 DPI
- Identification time: <0.8S
- Communication: TCP/IP/USB
- Fingerprint: 1000
- Password capacity: 1000
- RFID Card: 1000 (ID Cards)
- Record capacity: 60000
- USB Data Backup: Supported
- Weigand: Supported
- Power Adaptor: DC 5V
- Operating Temp.: -10-60°C
- Allowable rotation: 360° (all direction)
- Syrotech Workforce Software & Microsoft Excel Reporting Format Supported

**Standalone Fully Frameless Glassdoor Fingerprint Biometric Lock (W /RFID/Password/Remote)**

**Product Specification:**
- Power supply: 4.5V-6.5V (4 dry batteries)
- Typical static current: < 55mA
- Working current: < 250mA (strong driving force)
- Statistic current: < 30UA (strong driving force)
- Unlocking mode: Fingerprint, password, IC card
- Fingerprint Sensor: 600 DPI
- RFID Card/ Fingerprint/ PW: 500
- Working temperature: -30°C-60°C
- Relative temperature: 20%-93%
- Emergency Power Supply: USB emergency power interface
- Applicable Places: Office Buildings, Houses, Leisure Clubs, Shops, etc.

www.syrotech.com
Cloud Fingerprint Biometric Machines

Cloud Fingerprint Biometric Machine (TCP/IP / RFID) W Access Control

Product Specification:
- CPU: 32bit CPU
- LCD Screen: 2.4" TFT LCD
- Fingerprint Sensor: 600 DPI
- Identification time: <0.1S
- Communication: TCP/IP/USB
- Fingerprint/RFID/PW: 1000
- Record capacity: 100000
- USB Data Backup: Supported
- Weigand: Supported
- Power Adaptor: DC 9V
- Operating Temp.: -10-60°C
- Allowable rotation: 360° (all direction)

Cloud & Offline Syrotech Workforce Software with Payroll Included & Mobile App Supported.

Professional Cloud Fingerprint Biometric Machines

Professional Cloud Fingerprint Biometric W Access Control & WiFi

Product Specification:
- CPU: 32bit CPU
- LCD Screen: 2.4" TFT LCD
- Fingerprint Sensor: 600 DPI
- Identification time: <0.1S
- Communication: TCP/IP/USB/WIFI
- Fingerprint/RFID/PW: 3000
- Record capacity: 100000
- USB Data Backup: Supported
- Weigand: Supported
- Power Adaptor: DC 9V
- Operating Temp.: -10-60°C
- Allowable rotation: 360° (all direction)

Cloud & Offline Syrotech Workforce Software with Payroll Included & Mobile App Supported.

Cloud Face & Fingerprint Biometric Machine (TCP/IP / RFID) W Access Control

Product Specification:
- CPU: 32bit CPU
- LCD Screen: 2.4" TFT LCD
- Fingerprint Sensor: 600 DPI
- Identification time: <0.1S
- Communication: TCP/IP/USB
- Face: 300
- Fingerprint: 1000
- RFID Card: 1000
- Password: 1000
- Record capacity: 100000
- USB Data Backup: Supported
- Weigand: Supported
- Power Adaptor: DC 9V
- Operating Temp.: -10-60°C
- Allowable rotation: 360° (all direction)

Cloud & Offline Syrotech Workforce Software with Payroll Included & Mobile App Supported.

Professional CLOUD Face & Fingerprint Biometric W Access Control

Product Specification:
- CPU: 32bit CPU
- LCD Screen: 2.8" TFT LCD
- Fingerprint Sensor: 600 DPI
- Identification time: <0.1S
- Communication: TCP/IP/USB
- Face: 1000
- Fingerprint: 5000
- RFID Card: 5000
- Password: 5000
- Record capacity: 300000
- USB Data Backup: Supported
- Weigand: Supported
- Power Adaptor: DC 9V
- Operating Temp.: -10-60°C
- Allowable rotation: 360° (all direction)

Cloud & Offline Syrotech Workforce Software with Payroll Included & Mobile App Supported.
Professional Dynamic Face Cloud Biometric

**Product Specification:**
- Zinc Alloy Body
- DC12V/2A (DC 9V-14V)
- -10C to 70C
- 5.5 inch IPS Full View HD Screen
- 4CoreA7 1.2GHz
- WIFI Communication can be Ordered
- Card reg. Capacity: 20000
- Face reg. Capacity: 20000
- Authentication Rec. Capacity: 200000

**Professional CLOUD Dynamic Face Biometric W Access Control**

**Product Specification:**
- Color Camera 2MP, 1/4 inch lens
- While fill arrangement, super bright,
- 9 white LED
- Stand IC Card, Optional ID card
- 5" TFT LCD
- USB, TCP/IP, WIFI, Blutetooth, Optional
- User reg. Capacity: 1500-5000 (Optional 10000)
- Face reg. Capacity: 1500-5000 (Optional 10000)
- Fingerprint reg. Capacity: 1500-5000 (Optional 10000)
- Authentication Rec. Capacity: 1000000-1000000
- WG26/34 input
- DC 9V-12V

**Professional CLOUD Dynamic Face Biometric W Access Control**

**Product Specification:**
- Color Camera 2MP, 1/4 inch lens
- While fill arrangement, super bright,
- 9 white LED
- Stand IC Card, Optional ID card
- 5" TFT LCD
- USB, TCP/IP, WIFI, Blutetooth, Optional
- User reg. Capacity: 1500-5000 (Optional 10000)
- Face reg. Capacity: 1500-5000 (Optional 10000)
- Fingerprint reg. Capacity: 1500-5000 (Optional 10000)
- Authentication Rec. Capacity: 1000000-1000000
- WG26/34 input
- DC 9V-12V
Lock and Accessories

Syrotech’s approach to effective access and exit solutions for the control of door openings begins with wide-ranging product lines of Locking Devices such as electromagnetic locks, electric strikes, electrified locksets, exit devices and electric bolt locks. Electromagnetic Locks operate with holding forces from 280kg up to 500kg, covering a range of applications ideal for Standard doors to high use commercial doors. With installing options including wood, aluminium and steel, as well as glass door applications, the range caters to most electromagnetic needs.

Compatible with any access control system, Syrotech Magnetic door locks meet the demands of security professionals, and the most rigorous building and fire safety codes. With no moving parts to bind or wear out, the electromagnetic door lock provides positive, instantaneous release, whether caused by a signal from the command center, remote control or access control.
Single Door EM Lock 280kg

**Product Specification:**
- Holding Force: 280KG (600Lbs) Single Door
- Current Draw: 500mA at 12VDC
  - 250mA at 24VDC
- Suitable for: Wooden Door, Metal Door, Fire Proof Door
- Feature: Fail Safe

**Single Door EM Lock 500kg**

**Product Specification:**
- Holding Force: 500KG (1200Lbs) Single Door
- Current Draw: 500mA at 12VDC
  - 250mA at 24VDC
- Suitable for: Wooden Door, Metal Door, Fire Proof Door
- Feature: Fail Safe

Double Door EM Lock 280kg

**Product Specification:**
- Holding Force: 280KG (600Lbs) Double Door
- Current Draw: 500mA at 12VDC
  - 250mA at 24VDC
- Suitable for: Wooden Door, Metal Door, Fire Proof Door
- Feature: Fail Safe

**Double Door EM Lock 500kg**

**Product Specification:**
- Holding Force: 500KG (1200Lbs) Double Door
- Current Draw: 500mA at 12VDC
  - 250mA at 24VDC
- Suitable for: Wooden Door, Metal Door, Fire Proof Door
- Feature: Fail Safe

Note: WiFi App Control Locks Coming Soon
**2 Wire Drop Bolt Lock**

Product Specification:
- Low Power, Environment Protection
- Designed for strength and long life
- Suitable for all kind of the door
- Connection 2 line lock
- Fail safe: locked when energized
- Superior strength Aluminum alloy

**5 Wire Drop Bolt Lock**

Product Specification:
- Lock Delay Time Programmable
- Designed for Strength and Long Life
- Suitable for all Kind of the Door
- Connection 5 Line Lock
- Fail Safe: Locked when energized
- Superior Strength Aluminum Alloy

**Fully Frameless Glass Door Lock**

Product Specification:
- Glass thickness: 8~15mm
- Size: 205L x 58M x 46H(mm)
- Net Weight: 1.6Kg
- Standard structure: stainless steel panel
- Suitable for: fully frameless glass door
- Opening mode: 180 swing double door

**Electric Lock**

Product Specification:
- Standard external brass cylinder
- When the door closes, it locks immediately
- The length of lock tongue reach-out is 13mm
- Low noise, long life, power saved, convenient installation
- Universal for left or right hand door
- Reliable locking mechanism

**RFID Proximity Electric Lock with Remote**

Product Specification:
- Standard external brass cylinder
- When the door closes, it locks immediately
- Then length of lock tongue reach-out is 20mm
- Anti-theft alarm
- Green/Red LED light at the lock
- Lock Opening Mode – Remote/Key
- Low noise, long life, power saved, convenient installation
- Universal for left or right hand door
- Reliable looking mechanism (Up to 500,000 operations)

**Note:** WiFi App Control Locks Coming Soon
**L Bracket for 280kg Lock**

**Product Specification:**
- Suitable for EM Lock
- Opening Mode: In/Out- Swing Door
- Door Mode: 90°
- Finished for Shell: Anodized Aluminum

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**U Bracket for 280kg Lock**

**Product Specification:**
- Suitable for EM Lock
- Suitable for Frame less Glass Door
- Opening Mode: In/Out- Swing Door
- Door Mode: 90°
- Finished for Shell: Anodized Aluminum

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**ZL Bracket for 280kg Lock**

**Product Specification:**
- High Strength Aluminum, Sandblast Finished
- Suitable for EM Lock
- Suitable for Panic Door, Fireproof Door
- Opening Mode: In/Out- Swing Door
- Door Mode: 90°
- Finished for Shell: Anodized Aluminum

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**PVC Exit Button**

**Product Specification:**
- Plastic Panel with Elegant Style
- Tested to 100000 Cycles
- 2 Contact Suitable for all kinds of Locks
- The Best Choice of Access Control

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**Metal Exit Switch**

**Product Specification:**
- Design with No Mechanical Bolt
- Tested to 50000 Cycles
- Stainless Steel Panel
- Available in 2 & 3 Wire
- The Best Choice of Access Control
- 2 Contact Suitable for All Kinds of Locks

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**Metal Exit Switch**

**Product Specification:**
- Design with No Mechanical Bolt
- Tested to 50000 Cycles
- Stainless Steel Panel
- Available in 2 & 3 Wire
- The Best Choice of Access Control
- 2 Contact Suitable for All Kinds of Locks
Door Handle Locks

By combining sophisticated technology and fashionable designs, Syrotech Hotel Locks range is ultimate hub for the design-conscious hotelier. Hotel Lock System from Syrotech is specially designed to meet the needs of small and medium hotels, maximum security, individual style and low operation costs. It allows comprehensive access control and system management, and offers you an easy “one-click installation.”

Range of Hotel lock accessories start from RFID keycards and carriers which adapt to any hotel style. You can choose from low cost guest cards, long lasting staff cards, wristbands and keyfobs to perfectly match different hotel types such as Business, Hotel, Resort, Spa etc.

- Unique User Experience
- Skip front-desk – No queues
- Operational Efficiencies and guest service
- Unique modular construction for easy upgradeability
- Integration and customizable interface
Fingerprint Biometric Door Handle Lock

**Product Specification:**
- Unlock Type: Fingerprint
- Fingerprint capacity: 100
- FAR: <0.001%; FRR:<1.0%
- Indication of lacking voltage: 4.8V
- Induction distance: >25mm
- Working voltage: DC6V (4 Pieces of AA Batteries)
- Static power supply: <100μA
- Working temperature: -40°C-70°C
- Working humidity: <80%

Face Biometric Door Handle Lock

**Product Specification:**
- Unlock Type: Face, Password, Card
- Fingerprint capacity: 100
- Card capacity: 50
- Face capacity: 50
- Password capacity: 50
- FAR: <0.001%; FRR:<1.0%
- Indication of lacking voltage: 4.8V
- Induction distance: >25mm
- Working voltage: DC6V (4 Pieces of AA Batteries)
- Static power supply: <100μA
- Working temperature: -40°C-70°C
- Working humidity: <80%

Fingerprint & App Biometric Door Handle Lock

**Product Specification:**
- Unlock Type: APP, Bluetooth, Fingerprint, Password, E-key, E-Password
- Fingerprint capacity: 100
- Card capacity: 100
- Password capacity: 100
- FAR: <0.001%; FRR:<1.0%
- Indication of lacking voltage: 4.8V
- Induction distance: >25mm
- Working voltage: DC6V (4 Pieces of AA Batteries)
- Static power supply: <100μA
- Working temperature: -40°C-70°C
- Working humidity: <80%

Fingerprint & App Biometric Door Handle Lock

**Product Specification:**
- Unlock Type: APP, Bluetooth, Fingerprint, Password, E-key, E-Password
- Fingerprint capacity: 100
- Card capacity: 100
- Password capacity: 100
- FAR: <0.001%; FRR:<1.0%
- Indication of lacking voltage: 4.8V
- Induction distance: >25mm
- Working voltage: DC6V (4 Pieces of AA Batteries)
- Static power supply: <100μA
- Working temperature: -40°C-70°C
- Working humidity: <80%
**RFID Hotel Door Handle Lock**

**Product Specification:**
- Zink Alloy with Solidity Nature
- Mechanical Key Supported
- Free Handle to Prevent External Stress
- Available with NO/NC Ports(Optional)
- 256 Record of Door Opening
- Community, Office Entrance Guard
- Application: Hotel, Parking Lot, Residence

**Energy Saving Switch**

**Product Specification:**
- Working Voltage: AC220V
- Load Working Current: 30A
- Total Load Power: 6600W
- Static Consumption: 0.01W
- Delay Time: <15sec
- Cover Material: Fire Resistant

**Data Collector**

**Product Specification:**
- Data collector, Hotel lock system
- Hotel Lock data acquisition
- Equipment for RFID
- To Collect datas in hotel lock

**RFID Card**

**Product Specification:**
- This is a basic RFID Hotel Lock Cards used for presence sensing, Access Control etc.
- These tags come with a unique ID and are not re-programmable.

**RFID Card Issuing Programmer with Software**

**Product Specification:**
- Smart Card Reader/Writer
- Connectivity: USB 2.0
- Supports Syrotech Hotel Lock Software
- Reading/Writing Speed: <1sec
- LED Indicator Available
- Current: DC 5V (USB)
Cloud Access Controller

Access control with biometric is very secure method of implementing access restrictions as biometric print is always unique for each person which implies that this is most certainly a full proof access controlling system. Access control refers to exerting control over who can interact with a resource. Often but not always it involves an authority, which does the controlling. Syrotech Access Control Products range, consisting of IP based standalone access control device, networked access control panel, readers and accessories with network based one-stop access control and time and attendance software.

Syrotech combines the best intrusion features with advanced Access Control functions in a single, integrated system. Installing and programming a full security system becomes easier, quicker and more efficient. With only one system to install and maintain, one point of contact for Technical Support and one training session for the complete system, there are savings in both time and money.
Cloud Access Controller

Cloud 1 Door/ 2 Readers Controller

Product Specification:
- Communication Mode: TCP/IP (LAN and WAN) or RS485
- Operating voltage: DC12V
- PCB Colour: Green
- Operating Current: <500mA
- No. of doors Controlled: 1
- Operating Temp.: 0°C - 70°C
- Records: 200K pcs
- Users (Max): 42K cards
- Database: Access and SQL
- Extendable Readers: 2 (wiegand 26, 34, 66bit)

Cloud 2 Door/ 4 Readers Controller

Product Specification:
- Communication Mode: TCP/IP (LAN and WAN) or RS485
- Operating voltage: DC12V
- PCB Colour: Green
- Operating Current: <500mA
- No. of doors Controlled: 2
- Operating Temp.: 0°C - 70°C
- Records: 200K pcs
- Users (Max): 42K cards
- Database: Access and SQL
- Extendable Readers: 4 (wiegand 26, 34, 66bit)

Cloud 4 Door/ 8 Readers Controller

Product Specification:
- Communication Mode: TCP/IP (LAN and WAN)
- Extendable Reader: 8 (Wiegand 26, 34, 66bit)
- Operating voltage: DC12V
- PCB Colour: Green
- Operating Current: <500mA
- No. of doors Controlled: 4
- Operating Temp.: 0°C - 70°C
- Records: 200K pcs
- Users (Max): 42K cards
- Database: Access and SQL

Turnstile Access Control Board

Product Specification:
- Communication Mode: TCP/IP (LAN and WAN) or RS485
- Card Capacity: 42000
- Record Capacity: 200000
- Communication way: TCP/IP, RS485
- Support: Wiegand
- Opening way: Door, Double Card, Card+pin, Software, Timing, Password, Free Pass, Button, Fingerprint, Face Recognition, Dynamic QR Code
- Operating Temp.: 0°C - 70°C
- Database: Access and SQL
CLOUD 16 Floor Elevator Controller (Master)

Product Specification:
User Capacity: 26000
Record Capacity: 100000
Communication: TCP/IP, RS45, Wiegand
Floor Control: 16
Relay: 16
Operating Voltage: DC12V
Operating Temp: 0°C - 70°C
Database: Access and SQL

CLOUD 16 Floor Elevator Controller (Slave)

The Slave Controller can be used with SY-EC16M to extend another 16 floors.

CLOUD 32 Floor Elevator Controller (Master)

Product Specification:
User Capacity: 26000
Record Capacity: 100000
Communication: TCP/IP, RS45, Wiegand
Floor Control: 32
Relay: 32
Stop Button: 32
Operating Voltage: DC12V
Operating Temp: 0°C - 70°C
Database: Access and SQL

CLOUD 32 Floor Elevator Controller (Slave)

The Slave Controller can be used with SY-EC32M to extend another 32 floors.
RFID Access Reader

Syrotech RFID readers range constitutes a complete and reliable range of RFID readers for any auto identification need. Excellent and accurate reading range from a few centimeters up to 15 meters distance makes the Syrotech RFID readers suitable for applications such as access control, RFID gates, desktop reading and integration with handheld and other devices. RFID solutions give you the real-time asset visibility you need to streamline operations, maximize asset utilization and error-proof asset-related data.

From RFID readers being placed around an area of entrance/exit from a distribution center or a manufacturing plant or sometimes fixed readers are used outdoors for vehicles or for people identification, at the entrance of parking lots or any other entry point in buildings and boundaries of enterprise premises. With our complete range of RFID readers, we provide solutions for every environment and need.
**Wiegand Proximity Card Reader with Keypad**

**Product Specification:**
- Operation Mode: Proximity Card or PIN
- Excitation frequency: 125KHz
- Identification Time: ≤0.3s
- Proximity card read range: 2~8cm
- Wiegand output: ID WG26, ID WG34 (optional)
- Built-in buzzer: YES
- External door bell: YES
- Operation humidity: 20-80%
- Operation temperature: -100C-600C
- Power Adapter: DC 12V

**Wiegand Mifare Card Reader with Keypad**

**Product Specification:**
- Operation Mode: Mifare/ Smart Card or pin
- Excitation frequency: 13.56MHz
- Identification Time: ≤0.3s
- Proximity card read range: 2~8cm
- Wiegand output: ID WG26, ID WG34 (optional)
- Built-in buzzer: YES
- External door bell: YES
- Operation humidity: 20-80%
- Operation temperature: -100C-600C
- Power Adapter: DC 12V

**Wiegand Proximity Card Reader**

**Product Specification:**
- Beautifully Designed
- Excitation frequency: 125KHz
- Built-In Transceiver Antenna
- Maxi. Effective Distance up 2~8cm
- Less than 100ms Decoding Time
- Wiegand26 Interface
  - Built-In Bi-Color LED and Buzzer

**Wiegand Mifare Card Reader**

**Product Specification:**
- Beautifully Designed
- Excitation frequency: 13.56MHz
- Built-In Transceiver Antenna
- Maxi. Effective Distance up 2~8cm
- Less than 100ms Decoding Time
- Wiegand26 Interface
  - Built-In Bi-Color LED and Buzzer
### RFID Access Reader

#### Wiegand Proximity Card Reader
**Product Specification:**
- **Operation Mode:** Proximity Card
- **Excitation frequency:** 125KHz
- **Identification Time:** ≤0.3s
- **Proximity card read range:** 2 ~ 8CM
- **Wiegand output:** ID CARD WG26, ID WG34 (optional)
- **Built-in buzzer:** YES
- **Operation humidity:** 20-80%
- **Operation temperature:** -100C-600C
- **Power Adapter:** DC 12V

#### Wiegand Mifare Card Reader
**Product Specification:**
- **Operation Mode:** Mifare Card
- **Excitation frequency:** 13.56MHz
- **Identification Time:** ≤0.3s
- **Proximity card read range:** 2 ~ 8CM
- **Wiegand output:** IC CARD WG26, IC WG34 (optional)
- **Built-in buzzer:** YES
- **Operation humidity:** 20-80%
- **Operation temperature:** -100C-600C
- **Power Adapter:** DC 12V

#### USB Proximity Card Reader
**Product Specification:**
- **Card Supported Proximity:** Support EM4001, EM4100, Em4200, TK4100 and its compatible RFID cards
- **Frequency:** 125KHz
- **Data output format:** First 10 digits of the ID card, and other data output format can be customization.
- **Communication speed:** 106Kbit/s
- **Power:** DC 5V
- **Reading distance:** 5-8cm
- **Interface:** USB

#### USB Mifare Card Reader
**Product Specification:**
- **Card Supported Mifare:** Support reader mifare 1k, 4k (S50, S70) cards and its compatible RFID cards
- **Frequency:** 13.56MHz
- **Data output format:** First 10 digits of the IC card, and other data output format can be customization.
- **Communication speed:** 106Kbit/s
- **Power:** DC 5V
- **Reading distance:** 5-8cm
- **Interface:** USB
RFID Access Reader

Wiegand Mifare Card & QR Code Reader
Product Specification:
- Support QR code, 3D code (Photos and Mobile Phone)
- Support Mifare Cards (CPU Card, NFC Card & Proximity card Optional)
- Wiegand 26/34 output, RS485 output

USB UHF Reader & Writer
Product Specification:
- Self-intellectual property;
- Support ISO18000-6B, ISO18000-6C (EPC C1G2) protocol tag;
- 902~928MHz、865~868Mhz frequency band (frequency customization optional);
- FHSS or Fix Frequency transmission;
- RF output power up to 10dbm (adjustable);
- No external power source needed;
- Built-in antenna with effective distance up to 200mm*;
Middle Distance UHF Reader supports upto 6mpts.

**Product Specification:**
- Self-intellectual property;
- Support ISO18000-6B, ISO18000-6C (EPC C1G2) protocol tag;
- 865-868MHz/902-928MHz
- RF output power up to 30dbm(adjustable);
- 8dbi antenna optional with effect distance up to 6m*;
- Support auto-running, interactive and trigger-activating work mode;
- Low power dissipation with single +12DC power supply;
- Support RS232, RS485, Wiegand interface;

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Middle Distance UHF Reader with TCPIP supports upto 6mpts.
(4G Optional)

**Product Specification:**
- Self-intellectual property;
- Support ISO18000-6B, ISO18000-6C (EPC C1G2) protocol tag;
- 865-868MHz/902-928MHz
- RF output power up to 30dbm(adjustable);
- 8dbi antenna optional with effect distance up to 6m*;
- Support auto-running, interactive and trigger-activating work mode;
- Low power dissipation with single +12DC power supply;
- Support RJ45, RS232, RS485, Wiegand interface;

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Long Distance UHF Reader supports upto 15mpts.

**Product Specification:**
- Self-intellectual property;
- Design based on Impinj R2000 with excellent anti-collision performance
- Support ISO18000-6B, ISO18000-6C (EPC C1G2) protocol tag;
- 902~928MHz frequency band(frequency customization optional);
- FHSS or Fix Frequency transmission;
- RF output power up to 30dbm(adjustable);
- 12dbi antenna optional with effect distance up to 15m*;
- Support auto-running, interactive and trigger-activating work mode;
- Low power dissipation with single +12DC power supply;
- Support RS232, RS485, Wiegand interface;

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Long Distance UHF Reader supports upto 15mpts.

**Product Specification:**
- Self-intellectual property;
- Design based on Impinj R2000 with excellent anti-collision performance
- Support ISO18000-6B, ISO18000-6C (EPC C1G2) protocol tag;
- 902~928MHz frequency band(frequency customization optional);
- FHSS or Fix Frequency transmission;
- RF output power up to 30dbm(adjustable);
- 12dbi antenna optional with effect distance up to 15m*;
- Support auto-running, interactive and trigger-activating work mode;
- Low power dissipation with single +12DC power supply;
- Support RJ45, RS232, RS485, Wiegand interface
**SY-CLU2P**

**2 Port UHF Fixed Reader**

**Product Specification:**
- Self-intellectual property;
- Support ISO18000-6C(EPC C1G2), ISO18000-6B protocol tag;
- 902–928MHz frequency band (frequency customization optional);
- 2 TNC antenna port;
- Support auto-running, answer and trigger work mode;
- Support EPC and TID inventory;
- Low power dissipation with single +12 DC power supply;
- Support RS232, RS485, TCP/IP with other interface optional;
- Built-in LED, Buzzer, GPIO and Relay; High reliability design.

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**SY-CLU4P**

**4 Port UHF Fixed Reader**

**Product Specification:**
- Self-intellectual property;
- Support ISO18000-6C(EPC C1G2), ISO18000-6B protocol tag;
- 902–928MHz frequency band (frequency customization optional);
- 4 TNC antenna port;
- Support auto-running, answer and trigger work mode;
- Support EPC and TID inventory;
- Low power dissipation with single +12 DC power supply;
- Support RS232, RS485, TCP/IP with other interface optional;
- Built-in LED, Buzzer, GPIO and Relay; High reliability design.

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**SY-CLU8P**

**8 Port UHF Fixed Reader**

**Product Specification:**
- Self-intellectual property;
- Support ISO18000-6C(EPC C1G2), ISO18000-6B protocol tag;
- 902–928MHz frequency band (frequency customization optional);
- 8 TNC antenna port;
- Support auto-running, answer and trigger work mode;
- Support EPC and TID inventory;
- Low power dissipation with single +12 DC power supply;
- Support RS232, RS485, TCP/IP with other interface optional;
- Built-in LED, Buzzer, GPIO and Relay; High reliability design.

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**SY-CL7205**

**9 DBI Circular Antenna**

**Product Specification:**
- Low profile with high gain, reading distance range up to 10m*;
- Maximum efficiency and performance across the entire frequency band;
- Seamlessly compatible with different brand RFID readers;
- Widely used in parking, warehouse, forklift, production line, container yard, luggage, carousel, file cabinet, smart shelf, etc.

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**SY-CL72055**

**12 DBI Circular Antenna**

**Product Specification:**
- Low profile with high gain, reading distance range up to 20m*;
- Maximum efficiency and performance across the entire frequency band;
- Seamlessly compatible with different brand RFID readers;
- Widely used in parking, warehouse, forklift, production line, container yard, luggage, carousel, file cabinet, smart shelf, etc.

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**SY-UG100**

**UHF Gate**

**Product Specification:**
Syrotech UHF Security Gate "SY-UG100" is a high performance Security gate device with self intellectual property. The Series support fast tag (UHS ISO18000-6C, ISO18000-6B, EPC Gen2 Anti-collision and read/write operations. Equipped with high performance main/auxiliary gate antenna, control board and standard RS232, RS, 484 serial communication ports and RJ45(TCP/IP) network port, The series are top choice for open and mass flow RFID applications, Such as: Library Entrance Control, Access Control, Asset Management, Attendance etc.
RFID Cards, Lables & Tags

The combination of the high resolution sensor, the large memory size and the standard RFID interface permits our RFID Cards and Tags to realize effective track and trace solutions for advanced and industry specific applications such as industrial manufacturing, transport and logistics, Asset tracking, retail, healthcare, waste management, laundry tracking etc.

Syrotech RFID cards and tags can be used with standard UHF RFID readers available in the market without requiring any additional equipment thanks to its compatibility with the global standards. Special tags and labels are also available in a wide variety of material, form factors, colors and attachment methods in order to be applied to any type of object.
RFID Cards, Labels & Tags

SY-P10
RFID Proximity Thin Cards
Product Specification:
• Contactless rfid smart card
• Proxy plain card dimension: 86x54x0.8 mm
• Standard colour: white
• Proximity frequency 125khz

SY-P10T
RFID Proximity Thick Cards
Product Specification:
• This is a basic RFID tag used for presence sensing, Acess Control etc
• Works in the 125kHz RF range
• These tags come with a unique 32-bit ID and are not re-programmable.
• Card is blank, smooth, and mildly flexible.

SY-M1K
RFID Mifare 1KB Thin Cards
Product Specification:
• Contactless RFID 1K Smart Card 13.56 MHz
• Mifare Plain Card Dimension: 86*54*0.8 mm
• Standard Color: White

SY-M4K
RFID Mifare 4KB Thin Cards
Product Specification:
• Contactless RFID 4K Smart Card 13.56 MHz
• Mifare Plain Card Dimension: 86*54*0.8 mm
• Standard Color: White

SY-M64K
RFID Mifare 64KB Thin Cards
Product Specification:
• Contactless RFID 64K Smart Card 13.56 MHz
• Mifare Plain Card Dimension: 86*54*0.8 mm
• Standard Color: White

SY-U20
RFID UHF Cards
Product Specification:
• Material: PVC
• Color: White
• Dimensions (L X B X H): 86 mm X 54 mm
• Operating Frequency: 865 - 867 MHz
• ISO/IEC 18000-6C

SY-U30T
RFID UHF Windshield Tags
Product Specification:
• Beautifully Designed, Slim Size
• Built-In Transreceiver Antenna
• Maxi. Effective Distance up 5-8 mtr.
• Less than 100ms Decoding Time

www.syrotech.com
Entrance Products

Syrotech Turnstiles, gates and railing systems are used to control pedestrian flows and access at a wide variety of settings including industrial, commercial buildings and transport facilities, banks and financial institutions, schools and universities, sports and leisure venues etc. General methods of entrance include access control system, parking management system and visitor management system using intelligent turnstiles.

The product family of entrance products covers wide range of security, dimensional, aesthetics and additional requirements and includes:
Parking Barrier w Brushless DC Motor (opening time 2.5sec.)

Features:
- Manual Release
- Machine core with compression spring, effectively avoids the accidents caused by spring breaking
- Die-casting aluminum alloy motor, precision and good at thermal radiating

Product Specification:
- Working voltage: AC220V 10%
- Working temp.: -40°C~+50°C
- Max Boom Length: <6m
- Remote control: <30m
- Frequency: 50/60Hz
- Operating humidity: 95% (noncondensing)
- Wire control: Switch Single
- Motor Voltage: 240W

Parking Barrier w Brushless DC Motor (opening time 1.25sec.)

Features:
- Full Stainless steel material, Rainproof Feature,
- Mechanical reset prevents injury.
- Electric control using electromagnetic driven to keep safety.
- Suitable for indoor and outdoor.

Product Specification:
- Working voltage: AC220V 10%
- Working temp.: -40°C~+50°C
- Max Boom Length: <1.5m
- Remote control: <30m
- Frequency: 50/60Hz
- Operating humidity: 95% (noncondensing)
- Wire control: Switch Single
- Motor Voltage: 240W
Vertical Single Side Turnstile Barriers

Features:
• Product appearance using stainless steel stamping, beautiful, rust-proof, durable, resistant to external damage.
• Make People access Orderly.

Product Specification:
Product Material : Stainless Steel
Product Size : 420x330x980
Configuration : Single Movement
Working Humidity : Relative humidity <90%
Pass Frequency : 35~60person/minute
Working Temperature : -30 C~60 C
Level Length : 500mm
Voltage : AC220_10%V/50HZ
Open Time : 1~2S
Pass Direction : Unidirectional/Bidirectional

Bridge Single Side Turnstile Barriers

Product Specification:
• Product appearance using stainless steel stamping, beautiful, rust-proof, durable, resistant to external damage.
• Make People access Orderly.

Product Specification:
Product Material : Stainless Steel
Product Size : 1200x280x980
Configuration : Single Movement
Working Humidity : Relative humidity <90%
Pass Frequency : 35~60person/minute
Working Temperature : -30 C~60 C
Level Length : 500mm
Voltage : AC220_10%V/50HZ
Open Time : 1~2S
Pass Direction : Unidirectional/Bidrectional

Bridge Dual Side Turnstile Barriers

Product Specification:
• Product appearance using stainless steel stamping, beautiful, rust-proof, durable, resistant to external damage.
• Make People access Orderly.

Product Specification:
Product Material : Stainless Steel
Product Size : 1200x450x980
Configuration : Single Movement
Working Humidity : Relative humidity <90%
Pass Frequency : 35~60person/minute
Working Temperature : -30 C~60 C
Level Length : 500mm
Voltage : AC220_10%V/50HZ
Open Time : 1~2S
Pass Direction : Unidirectional/Bidrectional
**Full Height Turnstile**

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**Single Lane Full Height Turnstile Barrier**

**Features:**
- Full Stainless steel material, Rainproof Feature.
- Mechanical reset prevents injury.
- Electric control using electromagnetic driven to keep safety.
- Suitable for indoor and outdoor.

**Product Specification:**
- **Product Material:** Stainless Steel
- **Product Size:** 2000x750x2250
- **Configuration:** Single Movement
- **Working humidity:** Relative humidity <90%
- **Pass Frequency:** 35~60 person/minute
- **Working Temp:** -30°C~60°C
- **Voltage:** AC220V, 10%V/50HZ
- **Open Time:** <0.2S

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**Dual Lane Full Height Turnstile Barrier**

**Features:**
- Full Stainless steel material, Rainproof Feature.
- Mechanical reset prevents injury.
- Electric control using electromagnetic driven to keep safety.
- Suitable for indoor and outdoor.

**Product Specification:**
- **Product Material:** Stainless Steel
- **Product Size:** 2000x1300x2250
- **Configuration:** Single Movement
- **Working humidity:** Relative humidity <90%
- **Pass Frequency:** 35~60 person/minute
- **Working Temp:** -30°C~60°C
- **Voltage:** AC220V, 10%V/50HZ
- **Open Time:** <0.2S
### Single Side Flap Barrier w LED Lights

**Features:**
- Fault Self-test and alarm prompts, Easy to maintain and use.
- The build-in Keypad on the main control board allows to edit the operating status of the device.
- Sound and light alarm function, illegal break-in, trailing alarm.
- Mechanical sensor double anti-clip function, when reset encounters resistance, the motor will stop working with little strength (<2kg)

**Product Specification:**

<table>
<thead>
<tr>
<th>Specification</th>
<th>SY-FBS-100</th>
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</thead>
<tbody>
<tr>
<td>Product Material</td>
<td>Stainless Steel</td>
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<tr>
<td>Configuration</td>
<td>Single/Double Movement</td>
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<tr>
<td>Working humidity</td>
<td>Relative humidity &lt;90%</td>
</tr>
<tr>
<td>Pass Frequency</td>
<td>35~60person/minute</td>
</tr>
<tr>
<td>Working Temp</td>
<td>-30°C~60°C</td>
</tr>
<tr>
<td>Pass way width</td>
<td>600mm</td>
</tr>
<tr>
<td>Voltage</td>
<td>AC220 10%V/50HZ</td>
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<tr>
<td>Open Time</td>
<td>&lt;0.8S</td>
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<tr>
<td>Pass Direction</td>
<td>Unidirectional/Bidirectional</td>
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</tbody>
</table>

### Dual Side Flap Barrier w LED Lights

**Features:**
- Fault Self-test and alarm prompts, Easy to maintain and use.
- The build-in Keypad on the main control board allows to edit the operating status of the device.
- Sound and light alarm function, illegal break-in, trailing alarm.
- Mechanical sensor double anti-clip function, when reset encounters resistance, the motor will stop working with little strength (<2kg)

**Product Specification:**

<table>
<thead>
<tr>
<th>Specification</th>
<th>SY-FBD-200</th>
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</thead>
<tbody>
<tr>
<td>Product Material</td>
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<tr>
<td>Configuration</td>
<td>Single/Double Movement</td>
</tr>
<tr>
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<td>Relative humidity &lt;90%</td>
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<tr>
<td>Pass way width</td>
<td>600mm</td>
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<tr>
<td>Voltage</td>
<td>AC220 10%V/50HZ</td>
</tr>
<tr>
<td>Open Time</td>
<td>&lt;0.8S</td>
</tr>
<tr>
<td>Pass Direction</td>
<td>Unidirectional/Bidirectional</td>
</tr>
</tbody>
</table>
Single Side Swing Barrier w LED Lights

Features:
- Fault self-test and alarm prompts, Easy to maintain and use.
- The built-in keypad on he main control board allows to edit the operating status of the device.
- When power off the gate will be open, when power on it will be close.
- Can be connected with a variety of readers.

Product Specification:
- Product Material: Stainless Steel
- Configuration: Single/Double Movement
- Working humidity: Relative humidity <90%
- Pass Frequency: 35~60 person/minute
- Working Temp: -30°C~60°C
- Pass way width: 600mm
- Voltage: AC220-10%V/50HZ
- Open Time: <0.2S
- Operating Noise: <65decibel
- Motor: 24V/40W DC motor
- Door material: acrylic
- Input interface: 12VLevel single/ Pulse Width>100ms

Dual Side Swing Barrier w LED Lights

Features:
- Fault self-test and alarm prompts, Easy to maintain and use.
- The built-in keypad on he main control board allows to edit the operating status of the device.
- When power off the gate will be open, when power on it will be close.
- Can be connected with a variety of readers.

Product Specification:
- Product Material: Stainless Steel
- Configuration: Single/Double Movement
- Working humidity: Relative humidity <90%
- Pass Frequency: 35~60 person/minute
- Working Temp: -30°C~60°C
- Pass way width: 600mm
- Voltage: AC220-10%V/50HZ
- Open Time: <0.2S
- Operating Noise: <65decibel
- Motor: 24V/40W DC motor
- Door material: acrylic
- Input interface: 12VLevel single/ Pulse Width>100ms