

# Electronic Lock Cylinder with Programmable Key Access

This electronic lock cylinder uses smart keys for access control. The security manager can reprogram the key to enable it to unlock specific locks and quickly disable the key if lost or stolen.



## ADDITIONAL IMAGES



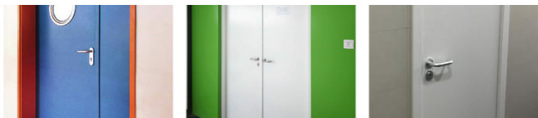
## Product Overview



The intelligent passive design eliminates the need for wiring and external power, ensuring reliability in all environments.

### Applications Scenarios

Intelligent passive electronic lock cylinder could replace most mechanical lock in the market.



Designed to retrofit and replace most standard mechanical locks in commercial and industrial settings.

### Intelligent Passive Access Control

This intelligent passive electronic lock system offers a secure, maintenance-free alternative to traditional mechanical locking mechanisms. By utilizing smart, re-programmable keys and a robust electronic core, the system allows security managers to instantly enable or disable access, significantly reducing risks associated with lost or stolen keys. Designed for versatility, the system requires no external power or wiring, making it ideal for deployment in diverse environments ranging from industrial facilities to commercial buildings.

## Technical Specifications

### WM-2000B-SXFH1/SXFH2

Materials : Lock case is made by stainless steel or zinc alloy.  
Rotatable lamella is made by steel.  
Surface Treatment : chrome plate and stainless steel natural color drawing  
Portable replacement : whole size replaces the original lock cylinder  
Working Environment : Temperature -40°C-70°C Humidity (20%-97%)  
Service Life : 10 years  
Protection level : IP68



Stainless steel and zinc alloy construction for the SXFH series, featuring IP68 protection.

### WM-2000B-SXBK46/SXBK66

Materials : Lock case is made by Hb59-1 copper and rotatable lamella is made by steel.  
Surface Treatment : chrome plate, nickelling  
Working environment : Temperature (-40°C-70°C) Humidity (20%-97%)  
Service Life : 10 years  
Protection level : IP68  
Relevant Certification : CE ROHS



WM-2000B-SXBK46

WM-2000B-SXBK66



Copper-based construction for the SXBK series, designed for high durability and environmental resistance.

## Key Features

- Passive electronic lock core (no power or wiring required)
- Two-way identity authentication scheme
- Re-programmable smart key access
- Universal replacement for most standard mechanical locks
- Information task management capabilities

## Available Models & Materials

Model Series	Case Material	Lamella Material
SXFH1 / SXFH2	Stainless Steel / Zinc Alloy	Steel
SXBK46 / SXBK66	Hb59-1 Copper	Steel
SXDK75 / SXSK80	Hb59-1 Copper	Iron

## Environmental & Durability

### Performance Metrics

**10 Years**  
Service Life

**68 IP**  
Protection Level

### Operating Environment

- Temperature Range: -40°C to 70°C
- Humidity Tolerance: 20% to 97%

## Compliance & Standards

### WM-2000B-SXDK75/SXSK80

Materials : Lock case is made by Hb59-1 copper and rotatable lamella is made by iron.  
Surface Treatment : chrome plate, nickelling  
Working environment : temperature (-40°C-70°C) Humidity (20%-97%)  
Service Life : 10 years  
Protection level : IP68  
Relevant Certification : CE ROHS



WM-2000B-SXDK75



WM-2000B-SXSK80



High-security copper lock cylinder with CE and ROHS compliance.

## Certifications

CE • ROHS