

# Electronic Lock Cylinder with Smart Key Access

This electronic lock cylinder uses smart keys for access control. The smart key system allows reprogramming to enable or disable access, enhancing security.



## ADDITIONAL IMAGES



## System Overview



The intelligent passive electronic system eliminates the need for power or wiring, offering a maintenance-free security solution.

### Intelligent Passive Access Control

This advanced electronic lock system utilizes smart keys and electronic cylinders to provide a secure, maintenance-free access control solution. Designed to replace traditional mechanical locks, the system operates without the need for external power or wiring. It features two-way identity authentication and comprehensive task management, making it ideal for diverse environments including transportation and industrial security.

### Key Features

Passive Electronic Core, Maintenance-Free, No Wiring Required, Audit Trail Capability, Two-Way Authentication

## Technical Specifications

### Environmental Tolerance

**-40 °C**

Min Operating Temp

**70 °C**

Max Operating Temp

**97 %**

Max Humidity

### Durability & Protection

- Service Life: 10 Years
- Protection Level: IP68
- Corrosion Resistant Surface Treatment

### Certifications

CE • ROHS

## Construction & Materials

### 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



Robust stainless steel or zinc alloy construction ensures durability in demanding environments.

### WM-2000B-SXBK46/SXBK66

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



High-quality copper lock case construction for enhanced longevity and reliability in various conditions.

### Material Breakdown

Component	Material Options
Lock Case	Stainless Steel, Zinc Alloy, Hb59-1 Copper
Rotatable Lamella	Steel, Iron

### Surface Treatment

- Chrome Plating
- Nickeling
- Natural Color Drawing

### Applications Scenarios

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



Designed to replace most standard mechanical lock cylinders, providing an easy upgrade path to intelligent access control.

### Available Lock Types

- Padlock
- Cabinet Lock
- Round Lock
- Cable Lock