



SOLITY

Future of Digital Door Lock

LOTUS  LOGISTICS
DISTRIBUTION REDEFINED

Company Overview

SOLITY is a global smart door lock manufacturer with a strategic ODM/OEM partnership with a number of leading global companies.

We provide **SOLITY's** unique one-stop solution from product planning to development, manufacturing, shipment, and consulting to start a door lock business to suit the circumstances in any country. We invite you to start a successful smart lock business with **SOLITY**.

SOLITY leads the smart lock market in Korea, which is a smart lock powerhouse, and the global smart lock ODM/OEM markets through continuous design and quality innovation using big data of VOC, necessary for product development and improvement.

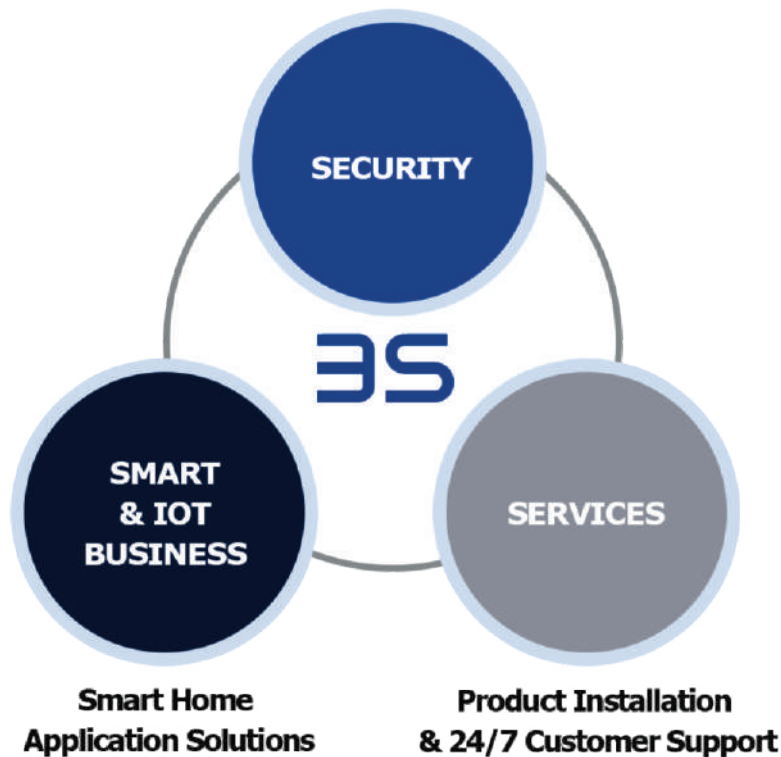


THE SMART OPENING SOLUTION LEADER

SOLITY = “SOLID” X “SECURITY”

Solity is a leading provider of innovative door opening solutions.

- Experience in Digital Door Lock *Since 1980*.
- *Largest Manufacturer* of Digital Door Lock in *Korea*.
- *No.1 Manufacturer* of Digital Door Lock in *Korea*.



13.8 Lakh

Digital Door Lock Sold

50 Lakh

Production Capacity

+500

Smart Door Lock Development

+56

Quality Lab Tests

+100

R&D Center Patents

Smart Door Lock

Various types of Smart locks

You can experience smart door locks with a wide range of features that embody SOLITY's patented technologies and development expertise.

Push/Pull Lock



A push/pull door lock is an innovative product that quickly opens and closes a door by pulling and pushing the handle intuitively without having to rotate it. SOLITY manufactured the first push/pull door lock in Korea through joint R&D with Samsung SDS and supplied the products to domestic and global partners.

The integrated handle and authentication unit (card, fingerprint, and keypad) of the mortise lock ensures a refined design and stable installation. SOLITY has internally developed various mortise devices (open/close devices) specifically for each application and supplies them to specific markets.

Mortise Lock



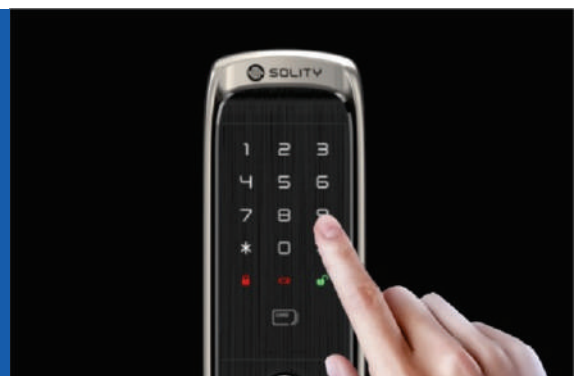
Mini mortise lock has shorter top length compared to the mortise locks and no additional hole is required for the top area like the mortise locks. As a result, it is convenient to install and additional drilling on the door won't be necessary, which will save the fuss and prevent damage on the door. It is designed considering the perfect balance and stability.

Mini Mortise Lock



The integrated handle and authentication unit (card, fingerprint, and keypad) of the mortise lock ensures a refined design and stable installation. SOLITY has internally developed various mortise devices (open/close devices) specifically for each application and supplies them to specific markets.

Rim Lock



Glass Lock



A glass lock is for glass doors in commercial and office facilities. SOLITY's glass lock products include patented technology that can rotate the keypad by 180o so that it can be installed easily regardless of the door orientation. The products include a clip type that is clipped easily to glass doors and the wing type that is firmly fixed to a glass door handle.

A sash lock features a vertical main body. The vertical main body can be installed on chassis doors and specially manufactured doors with patterns.

Sash Lock



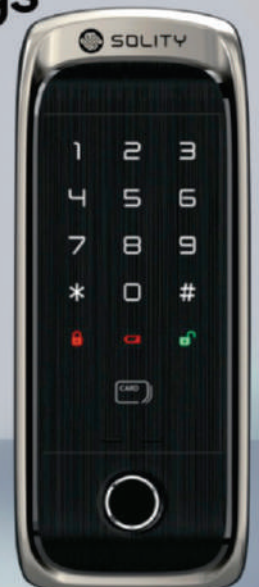
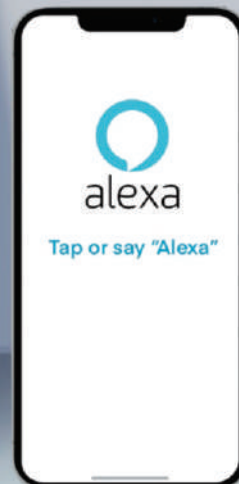
For the **FIRST** time in **INDIA**

Unlock with Amazon Alexa and Samsung SmartThings



SmartThings

Alexa, unlock the door.



Partners (OEM/ODM)

■ Domestic



■ Overseas



IoT Models & Features

IoT Lock Solution

Smart Safety? Smart Solity

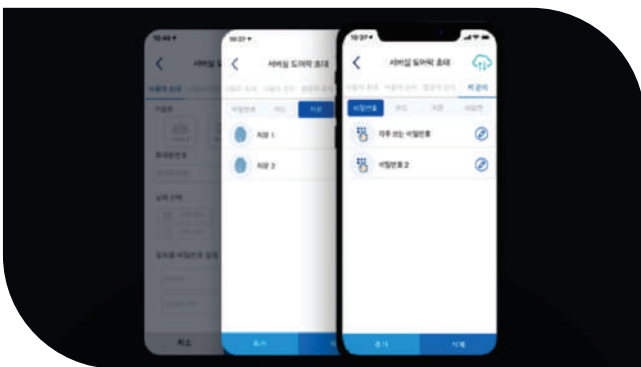
SOLITY provides IoT solutions needed for the door lock business. SOLITY's IoT locks support WiFi, Zigbee, and Bluetooth standard communication protocols and can interface with various apps to allow users to control the smart door lock remotely.



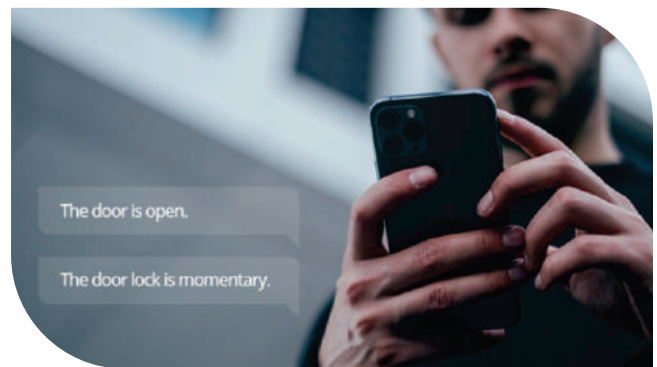
SMART OPEN & TOUCH



SMART KEY SHARING



SMART KEY CONTROL



SMART ALARM & HISTORY



MANAGER MODE



STRICT SECURITY



Premium Push-Pull Smart Door Lock

GSP-1000BK

Convenient & Safe

Push-Pull Lock

A push/pull door lock is an innovative product that quickly opens and closes a door by pulling and pushing the handle intuitively without having to rotate it.

SOLITY manufactured the first push/pull door lock in Korea through joint R&D with Samsung SDS and supplied the products to domestic and global partners.

SPECIFICATION

Installation	Wooden & Steel Door	Door Thickness 40-70mm
	PIN Code	Up to 4 passwords can be registered (4~12 digits)
	Fingerprint	Up to 100 fingerprint can be registered
Authentication	RFID	Up to 100 smart card can be registered
	Physical key	2pcs
Normal Voltage	DC 6V	AA Alkaline Battery
Emergency Power	DC 9V	9V Alkaline Battery
Option	Bridge	Remote Control



FEATURES

SPECIAL POINT



Ultra Slim Design



IoT connectivity with your smartphone (Wi-Fi Bridge sold separately)



Convenient and fast fingerprint recognition.

Safety Function



Scramble Code (Fake Pin-code)

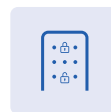


Alarm Damage / Intrusion / Prank



Automatic Locking

Convenience Function



Smart touchpad with LED notifications



Low Battery Alarm and Emergency Power Supply



Remote Control (Optional)



Premium Push-Pull Smart Door Lock GSP-2000BK

Convenient & Safe

Push-Pull Lock

A push/pull door lock is an innovative product that quickly opens and closes a door by pulling and pushing the handle intuitively without having to rotate it.

SOLITY manufactured the first push/pull door lock in Korea through joint R&D with Samsung SDS and supplied the products to domestic and global partners.

SPECIFICATION

Installation	Wooden & Steel Door	Door Thickness 40-70mm
	PIN Code	4-12 Digit
Authentication	Fingerprint	Up to 100 fingerprint can be registered
	Smart Card	Up to 100 smart card can be registered
	Physical key	2PCS Provided
Normal Voltage	DC 6V	AA Alkaline Battery
Emergency Power	DC 9V	9V Alkaline Battery
Option	RFID	Remote Control



FEATURES

SPECIAL POINT



Modern & Slim design with hairline technology



IoT connectivity with your smartphone (Wi-Fi Bridge sold separately)



Fire-proof product for B2B projects (optional)

Safety Function



Scramble Code (Fake Pin-code)

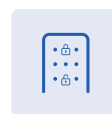


Alarm for Damage / Intrusion



Automatic Locking

Convenience Function



Invisible Keypad with Smart Touchpad



Low Battery Alarm and Emergency Power Supply



Remote Control (Optional)



품질경영시스템 인증
한국인정지원센터



품질경영시스템 인증
한국표준협회



Premium Mortise Lock GM-6000BK

Convenient & Safe

Mortise lock

Fingerprint located on the handle provide easy authentication and access, while saving time to open the door. Wide LED notification shows intuitive status of the lock.

SPECIFICATION

Installation	Wooden & Steel Door	Door Thickness 40-70mm
	PIN Code	Up to 4 passwords can be registered (4~12 digits)
	Fingerprint	Up to 100 fingerprint can be registered
Authentication	RFID	Up to 100 smart card can be registered
	Physical key	2pcs
Normal Voltage	DC 6V	AA Alkaline Battery
Emergency Power	DC 9V	9V Alkaline Battery
Option	Bridge	Remote Control



FEATURES

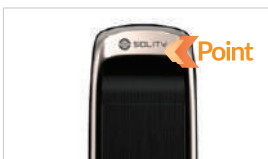
SPECIAL POINT



Convenient fingerprint recognition



IoT connectivity with your smartphone (Wi-Fi Bridge sold separately)



Bold hairline design

Safety Function



Scramble Code (Fake Pin-code)

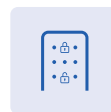


Alarm
Damage / Intrusion / Prank



Automatic Locking

Convenience Function



Smart touchpad with LED notifications



Low Battery Alarm and Emergency Power Supply



Remote Control (Optional)



Premium Mini Mortise Lock

GM-600B

Convenient & Safe

Mini Mortise Lock

Mini mortise lock has shorter top length compared to the mortise locks and no additional hole is required for the top area like the mortise locks. As a result, it is convenient to install and additional drilling on the door won't be necessary, which will save the fuss and prevent damage on the door. It is designed considering the perfect balance and stability.

SPECIFICATION

Installation	Wooden & Steel Door	Door Thickness 40-70mm
	PIN Code	Up to 4 passwords can be registered (4-12 Digit)
Authentication	Fingerprint	Up to 100 fingerprint can be registered
	RFID	Up to 100 smart card can be registered
Normal Voltage	DC 6V	AA Alkaline Battery
Emergency Power	DC 9V	9V Alkaline Battery
Option	Bridge	Remote Control



FEATURES

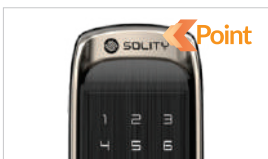
SPECIAL POINT



Convenient fingerprint recognition



IoT connectivity with your smartphone (Wi-Fi Bridge sold separately)



Bold hairline design

Safety Function



Scramble Code (Fake Pin-code)

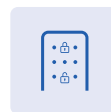


Alarm for Damage / Intrusion / Prank



Automatic Locking

Convenience Function



Smart touchpad with LED notifications



Low Battery Alarm and Emergency Power Supply



Remote Control (Optional)



품질경영시스템 인증
한국인증지원센터



품질경영시스템 인증
한국표준협회



Premium Vertical Rim Lock for Sliding or SASH Door

GA-60B

Convenient & Safe

Rim Lock

A rim lock is a product that has a separated handle and authentication unit(card, fingerprint and keypad). It can be easily installed in various environments.

Solity has a wide line-up of rim lock products including touch and cover types, on the door. It is designed considering the perfect balance and stability.

Optional: Hook type



SPECIFICATION

Installation	Wooden & Steel Door	Door Thickness 40-70mm
	PIN Code	4-12 Digi
Authentication	Fingerprint	Up to 100 fingerprint can be registered
	Smart Card	Up to 100 smart card can be registered
Normal Voltage	DC 6V	AA Alkaline Battery
Emergency Power	DC 9V	9V Alkaline Battery
Option	RFID	Remote Control

FEATURES

SPECIAL POINT



Convenient fingerprint recognition



IoT connectivity with your smartphone (Wi-Fi Bridge sold separately)



Simple design in black finish

Safety Function



Scramble Code (Fake Pin-code)



Alarm for Damage / Intrusion



Automatic Locking

Convenience Function



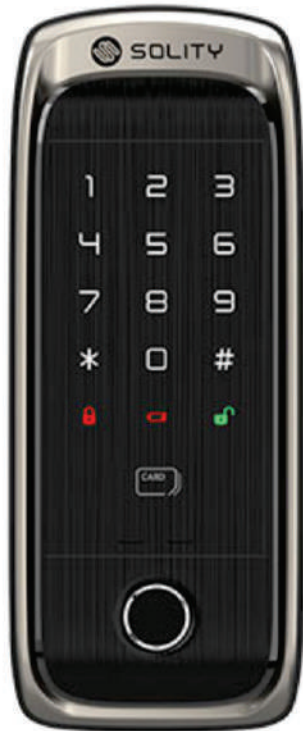
Invisible Keypad with Smart Touchpad



Low Battery Alarm and Emergency Power Supply



Remote Control (Optional)



Premium Rim Lock

GR-60B

Convenient & Safe

Rim Lock

Rim lock is a product that works with a separate mechanical handle. It can be easily installed in various environments.

Solity has a wide range of rim locks from button type with cover to touch types.

SPECIFICATION

Installation	Wooden & Steel Door	Door Thickness 35-60mm
	PIN Code	Up to 4 passwords can be registered (4~12 digits)
	Fingerprint	Up to 100 fingerprint can be registered
Authentication	RFID	Up to 100 smart card can be registered
	Normal Voltage	DC 6V
Emergency Power	DC 9V	9V Alkaline Battery
Option	Bridge	Remote Control

FEATURES

SPECIAL POINT



Convenient fingerprint recognition



IoT connectivity with your smartphone (Wi-Fi Bridge sold separately)



Luxurious design with firm grip

Safety Function



Scramble Code (Fake Pin-code)

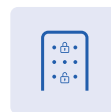


Alarm Damage / Intrusion / Prank



Automatic Locking

Convenience Function



Smart touchpad with LED notifications



Low Battery Alarm and Emergency Power Supply



Remote Control (Optional)

Non IoT Models & Features

Mortise Lock / Handle Door Lock

GM-5500K

Convenient & Safe



Mortise Lock

Mortise locks are one of the most secure forms of residential hardware available.

The classical appearance makes it more attractive and versatile. Solity has internally developed various mortise specifically according to the market needs.

SPECIFICATION

Installation	Wooden & Steel Door	Door Thickness 40-70mm
		PIN Code
Authentication	RFID	Up to 100 smart card can be registered
	Physical key	2pcs
Normal Voltage	DC 6V	AA Alkaline Battery
Emergency Power	DC 9V	9V Alkaline Battery
Option	Fire-proof	Remote Control

FEATURES

SPECIAL POINT



Soft curves applied lever type lock



Fire-proof product for B2B projects (Optional)



Mechanical keys applied for emergency override

Safety Function



Scramble Code (Fake Pin-code)

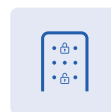


Alarm Damage / Intrusion / Prank



Automatic Locking

Convenience Function



Smart touchpad with LED notifications



Low Battery Alarm and Emergency Power Supply



Remote Control (Optional)

Premium fingerprint type Rim Lock

GR-50BK

Convenient & Safe



Rim Lock

Rim lock is a product that works with a separate mechanical handle. It can be easily installed in various environments.

Solity has a wide range of rim locks from button type with cover to touch types.

SPECIFICATION

Installation	Wooden & Steel Door	Door Thickness 35-60mm
	PIN Code	Up to 4 passwords can be registered (4~12 digits)
Authentication	Fingerprint	Up to 100 fingerprint can be registered
	RFID	Up to 100 smart card can be registered
	Physical key	2pcs
Normal Voltage	DC 6V	AA Alkaline Battery
Emergency Power	DC 9V	9V Alkaline Battery
Option		Remote Control

FEATURES

SPECIAL POINT



Mechanical keys applied for emergency override



Convenient fingerprint authentication



Premium Design

Safety Function



Scramble Code
(Fake Pin-code)

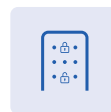


Alarm
Damage / Intrusion / Prank



Automatic Locking

Convenience Function



Smart touchpad with
LED notifications



Low Battery Alarm
and Emergency Power
Supply



Remote Control
(Optional)



Standard Touch Rim Lock

GRT-300

Convenient & Safe

Rim Lock

Rim lock is a product that works with a separate mechanical handle. It can be easily installed in various environments.

Solity has a wide range of rim locks from button type with cover to touch types.

SPECIFICATION

Installation	Wooden & Steel Door	Door Thickness 35-60mm
Authentication	PIN Code	Up to 4 passwords can be registered (4~12 digits)
	RFID	Up to 100 smart card can be registered
Normal Voltage	DC 6V	AA Alkaline Battery
Emergency Power	DC 9V	9V Alkaline Battery
Option		Remote Control



FEATURES

SPECIAL POINT



Ultra Slim Design



LED notification



Convenient RFID card authentication

Safety Function



Scramble Code (Fake Pin-code)

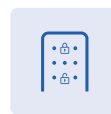


Alarm Damage / Intrusion / Prank



Automatic Locking

Convenience Function



Smart touchpad with LED notifications



Low Battery Alarm and Emergency Power Supply

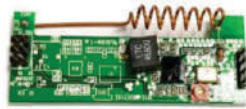


Remote Control (Optional)

Accessories for IoT and Non IoT Models



RX-100
Compact Lever locks



RX-200
Lever locks



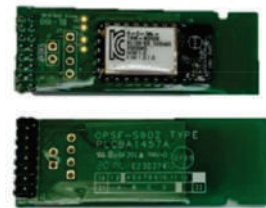
RX-300
Rim locks



VDP
Video Door Phone module



RX-700 / RX-710
IoT Support locks



BL-100
Bluetooth module



TX-300
Portable Remote control



TX-200 / TX-210
Stationary Remote control



GW-100
Gateway/Bridge