HELK

BSI

Innovation, Quality, Expertise, Efficiency

About BSI

We are confident that we are able to provide a complete solution for your building hardware needs at favorable pricing.

Building Solution International (BSI) is a California based Company with over 20 years experience as an OE manufacturer for U.S. and international customers; our products and components can be found in thousands of buildings from schools to airports as well as high security and military facilities Worldwide. We specialize in the design and development of high quality Electro-mechanical building and security hardware and leverage many innovation patents.

BSI utilizes only high grade materials and the latest electronic technology to produce our 'State Of The Art' Products. All processes are regulated by stringent manufacturing procedures and ISO quality assuranceprograms.

Products are constructed to comply with and exceed NC, ANSI and BHMA standards and are typically UL listed and certificated to U.S. standards and beyond where required.

BSI has many years of product R&D and design experience and a long list of successful products with proven reliability. We provide a complete concept to product development solution.

BHMA™ CERTIFIED
Be Safe. Be Secure. Look for the Mark.

ANSI American National Standards Institute

CONCOURS Lépine
2012 Concours Lepine

ARCHIDEX NEW PRODUCT AWARD2012
2012 Archidex

台灣精品 TAIWAN EXCELLENCE
2013 Taiwan Excellence

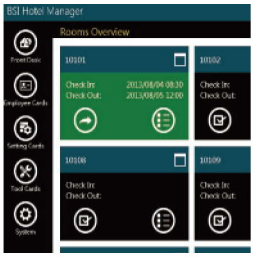
UL

CE

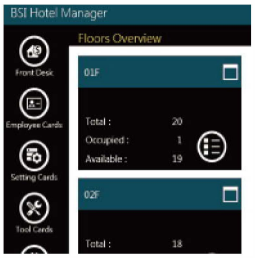
HELK-R8

RFID Hotel Lock

Check in /out Control



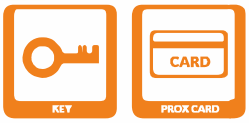
Floors Overview



FEATURES

- US ANSI Grade 1
- UL 10C 3 hours fire rating
- EN 179:2008
- EN 1634-1:2014 - 4 hours fire rating
- EN 12209:2003/ AC:2005
- EN 14846:2008
- 2 Access Methods: Mifare Cards / Key.
- Key Overriding design.
- Standalone lockset, Off-line operation.
- 200 events per door, audit trail downloading by 4K audit card.
- Low battery indicator.
- Acoustic & visual low power warning.
- Date/Time Stamp: Real time: date and hours/minutes.

SPECIFICATION



Card Type
Mifare 13.56MHz / ISO 14443A & 4K memory sizes (4 byte UID type)

Dimension of Exterior Lock Unit (mm: W x H x D)
84 x 208 x 76

Dimension of Interior Lock Unit (mm: W x H x D)
96 x 230 x 73

Lockset Type
ANSI mortise / EN mortise (option)

Finish
US26D, US5, Color Painting

Door Thickness
40 ~ 80 mm

Backset
ANSI 70 mm / EN 60 mm

Power Supply
6V drive: 4 x AA Alkaline (included)

Battery Life
approx. 12 months or 3,650 operations

Working Temperature
-20°C ~ 70°C (-4°F ~ 158°F)

HELK-R8 DIP

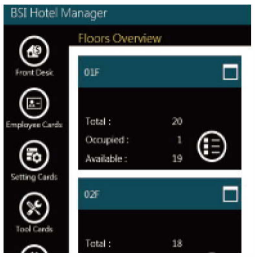
RFID Hotel Lock

EN Mortise Locket

ANSI Mortise Locket

Check in /out Control

Floors Overview



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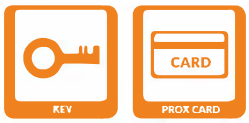


Card Type
Mifare 13.56MHz / ISO 14443A

Lockset Type
Cylindrical lock
ANSI mortise lock (option)
EN mortise lock (option)

Finish
US26D, US32D

Door Thickness
35 ~ 51 mm (Cylindrical type) ;
40 ~ 80 mm (ANSI Mortise type)
35 ~ 70 mm (EN Mortise type)

Backset
60 mm or 70 mm(Cylindrical type) ;
70 mm (ANSI Mortise type) ;
60 mm(EN Mortise type)

Power Supply
6V drive: 4 x AA Alkaline (included)

Battery Life
approx. 18 months

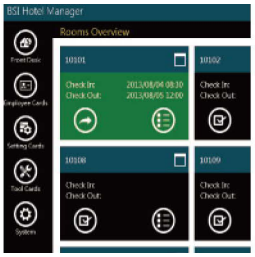
Working Temperature
-20°C ~ 70°C (-4°F ~ 158°F)

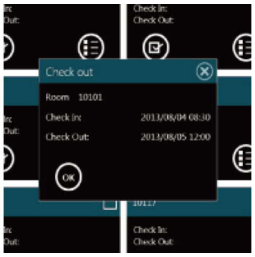
HELK-R8 ZERO RFID Hotel Lock

ANSI Mortise Locket

EN Mortise Locket

Check in /out Control





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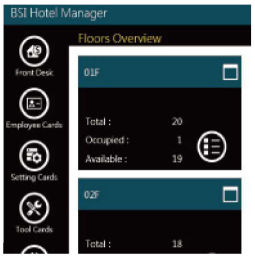

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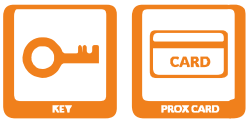

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Lockset Type
Cylindrical lock
ANSI mortise lock (option)
EN mortise lock (option)

Finish
US26D, US32D

Door Thickness
35 ~ 51 mm (Cylindrical type) ;
40 ~ 80 mm (ANSI Mortise type)
35 ~ 70 mm (EN Mortise type)

Backset
60 mm or 70 mm(Cylindrical type)
70 mm (ANSI Mortise type) ;
60 mm(EN Mortise type)

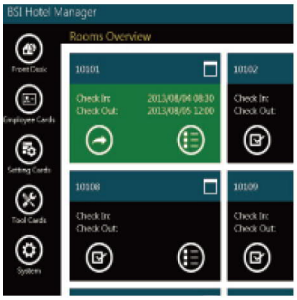
Power Supply
6V drive: 4 x AA Alkaline (included)

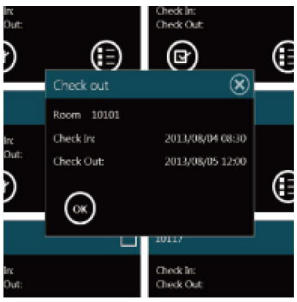
Battery Life
approx. 18 months

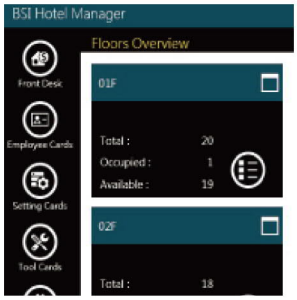
Working Temperature
-20°C ~ 70°C (-4°F ~ 158°F)

BSIS Control Software

BSI developed exclusive Hotel software.Through software programs, control of all users, into and out privileges, restitution induction cards.OS requirment:Windows7.







Electronic Mortise Locks

BSI develop our own electronic lock case, and it can fulfilled ANSI Grade 1, UL10C 3 hours, EN179, EN12209, EN14846, EN1634-1 4hours standard.

Cylindrical

American

European

RFID Technology

Uses the Latest RFID technology and software to manage access and security specific to each guest and area that can be recorded and audited.
Dimensions:123L × 95W × 27H mm
Operating Temp: -20℃~60℃(-4~140)
Operating Card Type:ISO14443 RFID Card
Operating Frequency:13.56 MHz
Powered by USB Port Interface:USB v1.1
Status Display: LED Indicator
Operating System: Windows7
Weight:300g
Current:<150mA
Voltage:5V
Applicable models:HELK-R8, HELK-R8 Zero

Mifare Card Encoder

Card machine-USB link to your computer and use the software program, the proximity card with a serial number to distinguish a group or individually set permissions.

Energy Saving Switch

The card is inserted, you can power, remove the card and power.
Infrared ray technology.
Red and Green color LED to indicate its working.
Frie resistance.
Suitable Card Size:54 x 85 x 0.8mm
Voltage:110V/250V ; 50Hz–60Hz
Max Load Current:10A/15A
Static Power Consumption:≦1W
Operation Temperature:-40℃ to 70℃
Operation Humidity: ≦95%
Dimension: 87 × 87×12mm(L×W×H)
Service Life: 10years

ES-MIFARE

Elevator Controller

Elevator control floor sensor can control access permissions for users and the opening time control.

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