

ES100 Series Wireless Electric Strike

with Aperio® Technology



ASSA ABLOY

Experience a safer
and more open world

The ES100 Aperio® Wireless Integrated Electric Strike and Card Reader is the most versatile way to retrofit an opening with real-time online access control.

Flexible Wireless Connectivity

- Compatible with nearly all access control platforms
- Real time DPS, tamper, REX and battery health monitoring and control
- Support for HID multiCLASS SE and NFC/BLE mobile access card technologies

Designed for Versatility

- Universal compatibility with nearly all cylindrical & mortise latchbolt locksets
- Dynamic integrated field adjustability
- Interchangeable faceplates and accessories

Convenient and Secure

- Modular construction for easy installation
- Flexible field configurable upgrade options
- Support for 1" deadbolt privacy applications
- Fully encrypted data transmission for enhanced security



NOTE: The ES100 Electric Strike is available as either a pre-paired lock and hub kit (no certification required) or as a field configurable component (requires Aperio® Certified Integrator certification). Pre-paired kits support limited features. Field configured devices are required in order to support all options. Visit IntelligentOpenings.com to learn more.

Features

Standard Features (All Models)

- 2.4 GHz Aperio wireless technology
- Integrates with existing access control systems and credentials
- Audit trail limited by access control system
- Battery operated for stand-alone operation

Electric Strike Features

- Non-handed
- Fail secure operation (standard)
- Static strength 1,500 lbs
- Dynamic strength 70 ft-lbs
- Factory configured monitored (M) and non-monitored options
 - » **M Security** – Monitored (Latch and Door Position Monitor with Request to Exit)
 - » **MH Security** – Monitored Kit with AH20 1:1 Wiegand Hub



Grade 1



SecuriCare
Warranty



Mortise Locks
with Deadbolt



Mortise Locks
without
Deadbolt



Cylindrical
Locksets



Fire Rated



Windstorm
Rated



Burglary
Rated



Electric Strike Features cont.

- Integrated locked state and tamper monitoring
- Field adjustable integrated shim for changing door conditions
- Fully finished faceplate, keeper, case, trim, and strike body
- Stainless steel construction
- Tamper resistant
- Static strength 1500 lbs
- Dynamic strength 70 ft-lbs
- Strike body depths: 1500: 1-3/8" [35 mm]
- 1600: 1-5/8" [41 mm]
- Supports HID multiCLASS SE® card technologies
- Supports NFC & BLE mobile credentials
- Bi-color LED visual status indicators; Red/Amber or Green/Amber

Certifications

- ANSI/SDI 250.13 Certified
- CAL FIRE, 3776-1654:0503
- NFPA-252 fire door Compliant
- CE RED Certified
- FCC and IC Compliant
- RoHS Compliant
- UL 10C Fire Rated
- UL 294
- UL 1034 Burglary-Resistant
- CAN/ULC-S104 Listed

Specifications

Frame Application

- Hollow Metal, Wood

Electrical

- Estimated Battery Life: 45,000 Cycles*
- (2) "AA" lithium batteries (included)
 - » AAA LR6 (1.5 V) Lithium Ion Batteries required. Use of other types of batteries, such as alkaline, will significantly decrease battery life
- Micro-USB port for emergency power

**All battery life claims are approximate and based on a set configuration profile. Battery performance is based on pre-defined system settings such as battery chemistry and battery model used, credential presentation settings (LED/buzzer), UHF polling period, UHF status intervals, and operations per day. Actual battery performance will vary and depends on the factors above.*

Environmental

Electric Strike

- **Operating Temperature** -25C to 60C (-13 F to 140 F)
- **Operating Humidity** 0 to 90% relative humidity non-condensing

Card Reader

- **Operating Temperature** -25C to 60C (-13 F to 140 F)
- **Operating Humidity** 0 to 90% relative humidity non-condensing
- Tested to IP65 for use in indoor or exterior inswing applications

Card Technology

HID® multiCLASS SE®

- **High Frequency (13.56 MHz)**
 - » HID iCLASS®
 - » HID iCLASS SE® (SIO®-enabled)
 - » HID iCLASS® Seos®
 - » HID MIFARE® SE
 - » HID DESFire® EV1 SE
 - » MIFARE CLASSIC
 - » DESFire® EV1
 - » NFC mobile access
- **Low Frequency (125 kHz)**
 - » HID Prox®
 - » AWID
 - » EM4102
 - » ioProx
- NFC/BLE mobile access credentials

Accessories

- **310-2-3** Astragal Strike Latch Guard
- **157** Torx® screws
- **ACC10** Credential Test Cards
- **HESCUT-MTK** Metal Template Kit
- **OPT-1SRK** Spring Replacement kit
- **OPT-1LM** Single lock monitor

Visit hesinnovations.com/en/where-to-buy to find your local distributor and place an order

How to Order

SERIES	MODEL	FACEPLATES	OPTIONS	CARD TECHNOLOGY	STRIKE FINISH
ES100	- 15	L	M	-IPS	- 630
	15 Reader Body and 1500 Strike for ANSI Latchbolt Locks	(blank) Strike Body Only L Complete Pac for Latchbolts	(blank)** Convenience — Non-Monitored; Field configured to work with AH20, AH30, or AH40 wireless hubs	IPS HID iCLASS®, HID iCLASS SE® (SIO-enabled), HID iCLASS® Seos™, HID MIFARE® SE, HID DESFire® EV1 SE, MIFARE Classic, MIFARE DESFire EV1, NFC-enabled Mobile Phones: HID Mobile Access (NFC), Seos Apple Wallet (NFC)	605 Bright Brass 606 Satin Brass 612 Satin Bronze 613E Dark Oxidized Bronze Powder 629 Bright Stainless Steel 630 Satin Stainless Steel BSP Black Suede Powder
	16 Reader Body and 1600 Strike for ANSI Latchbolt & Deadbolt Lockset	D* Complete Pac for Deadbolts S* Complete Pac for Latchbolts and Deadbolts	M** Security — Monitored (Latch and Door Position Monitor with REX) H*** Without Monitoring; Factory Paired with AH20 1:1 Wiegand Hub MH*** With Monitoring; Factory Paired with AH20 1:1 Wiegand Hub	IPEXXXX† Same as IPS but with factory loaded HID Elite Credential BIPSXXXXX**† HID iCLASS, HID iCLASS SE (SIO-enabled), HID iCLASS Seos, HID MIFARE SE, HID DESFire EV1 SE, MIFARE Classic, MIFARE DESFire EV1, NFC & BLE-enabled Mobile Phones: HID Mobile Access (BLE and NFC), Seos Apple Wallet (NFC) BIPEXXXXX**† Same as BIPS but with factory loaded HID Elite Credential	

*Available with 1600 Only. ** Only available through ACP/CI channel. **XXXXX is a unique or customer specific key that is only reorderable for that specific company. *** Only available with L or S Complete Pac Options in 630 finish. † HID Authorization form will need to be filled out and signed by the end user who has authority of the ELITE KEY.



800 626 7590 | hesinnovations.com
10027 S. 51st Street, Ste. 102
Phoenix, AZ 85044 USA

Printed in the U.S. Patent pending and/or patent www.assaabloydss.com/patents
Copyright © 2024, Hanchett Entry Systems, Inc., an ASSA ABLOY Group company. All rights reserved. Reproduction in whole or in part without the express written permission of Hanchett Entry Systems, Inc. is prohibited. HES-086-0324