



Architectural Hardware 2020-21 Product Catalog

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A100-3090H

Keyless Entry Control with Pre-paired Aperio® Hub

The A100-3090H Keyless Entry Control for Adams Rite deadlocks, deadlatches and exit devices provide wireless security with HID® Prox or iCLASS contactless card reader that can be integrated into existing access control systems.

Function

The A100-3090H Keyless Entry Control, with Aperio technology, is a wireless keyless entry trim for Adams Rite deadlocks, deadlatches and exit devices. Ideal for both exterior and interior aluminum and hollow metal door applications. The pre-paired A100-3090H lock and hub kit provides maximum security and audit trail with either an HID® Prox or iCLASS contactless card reader for easy integration with existing credential systems to accommodate flexible user access management.

Operation

When an authorized card is presented, an audible beep and visual change in the red/green LED indicator confirms authorization. A high-speed motor engages an internal clutch to enable the exterior lever operation. When released, lever returns to horizontal. Clutching action prevents damage to internal components. Upon timeout, the lever operation is disabled until the next authorized card presentation or key override. The MS Deadlocks must always be relocked manually when used with the A100-3090H Keyless Entry Trim. A100-3090H accepts any standard mortise cylinder with MS® cam, available separately.

Certifications

FCC Compliant



Features

- Aperio wireless technology
- Surface mounted with concealed fasteners. Suitable for 1-3/4" to 2-1/4" [44.5 mm to 57.2 mm] door thickness
- Key override via mortise cylinder; 1" to 1-1/2" [25.4 mm to 38.1 mm] length with MS® cam (available separately)
- Audit trail limited by EAC

eliminate the cost and inconvenience of hardwiring the door. Fully-encrypted AES 128 bit wireless communication between the A100 lock and Aperio® hub ensures data security. The Aperio® wireless hub connects to an access control system with typical Wiegand wiring and additional REX, DPS, tamper and low battery signal wires. The Aperio® hub should be mounted within 50' of the desired lock location and through two walls or less.

Handle

Clutch-protected cast zinc alloy, finished to match housing; field selectable handing

Operating Temperatures

Full outdoor rating; Temperature range from -31 to +151F [-35 to +66C] and 5 to 95% humidity (non-condensing)

Standard Package

Individually boxed with wireless hub and mounting hardware for 1-3/4" [44.5 mm] to 2-1/4" [57.2 mm] door thickness

Shipping weight

6 lbs [2.72 kg]

Specifications

Wireless Access Control

Minimal field configuration for quick, easy wireless deployments that

Housing

Measures 1-3/4" [44.5 mm] wide x 15-3/8" [390.5 mm] high

Electrical

- Powered by (4) x AA Alkaline batteries with low battery indication
- Supports HID® 13.56 MHz iCLASS® (ISO 15693) or HID® 125 KHz Prox credentials.*

*For information on migrating from one card technology to another or dual-technology card support, please contact 800-810-WIRE

Options

- Monitoring: Optional Request to Exit (REX) and DPS (DPS-C-38G)
- Available in choice of powder coat 121 to match 313 Dark Bronze Anodized, or US26D (626) Satin Chrome

Product Note

The Adams Rite A100 narrow stile trim 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

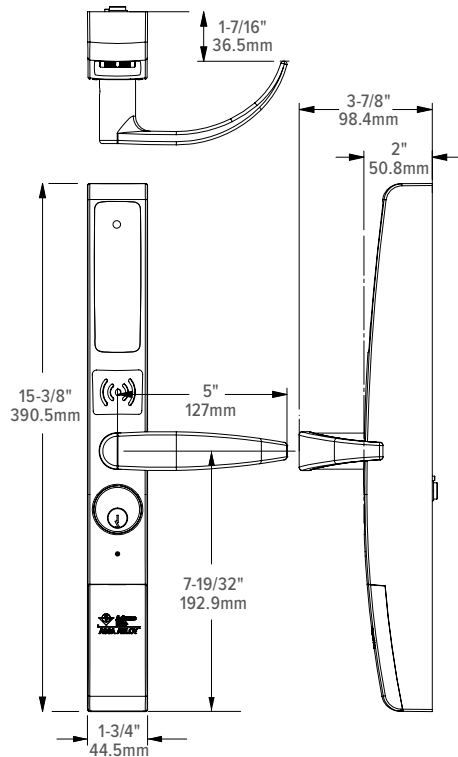
IntelligentOpenings.com to learn more.

A100-3090H
Keyless Entry
Control and
Aperio® Hub

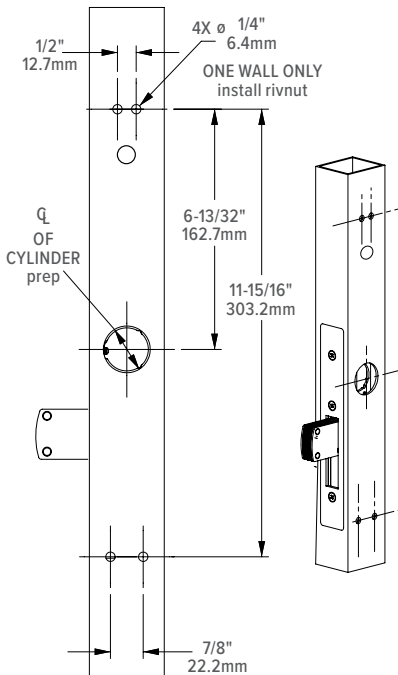
147
TRIM

All measurements are approximate and are provided for informational purposes only. Refer to the product Installation Instructions.

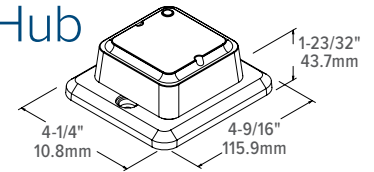
Dimensions



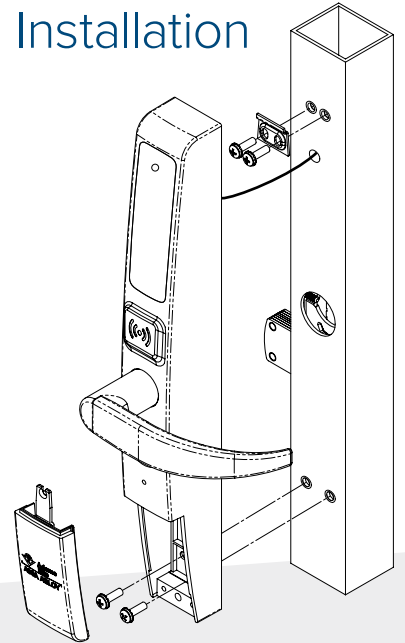
Stile Preparation



Hub



Lock & Cylinder Installation



How to Order, Related & Compatible Products

A100-3090H Aperio Keyless Entry Wholesale Kit: Specify quantity and the following information. Order related products separately.

MODEL	CREDENTIAL	COMPATIBLE PRODUCTS	FINISH
A100-3090H	C	-1	-626
	P 125 kHz HID® Prox	1 Adams Rite latches or 8000 Series Exit Devices, Yale 7200 series, Corbin Russwin ED4000 series exit devices only	121 To match 313 Dark Bronze Anodized
	C 13.56 MHz HID iCLASS	2 Adams Rite MS® deadlocks	626 Satin Chrome

RELATED

When purchasing this product, please consider the following related products, available separately:

CYLINDERS	ACCESSORIES
Standard 1" length, 1-5/32" diameter mortise cylinder with MS® cam such as 4036 Mortise Cylinder	DPS-C-38G DPS Switch

COMPATIBLE

DEADLOCKS	DEADLATCHES	EXIT DEVICES
MS1850S, MS1850S-050, MS1850SN, MS1850SN-050, MS1950, MS1950-050 Series Deadlocks	4510, 4530, 4900, 4920AN Series Deadlatches	8100, 8200 SVR, 8300, 8400 Mortise, 8500, 8600 CVR, 8700, 8800 Rim, 8900 SCVR Exit Devices with 31/32" backset or greater. Yale 7200 Series, Corbin Russwin ED4000 Series. Please check model number for availability.

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