Solitaire™ 710-II

ILCO™
A Member of the Kaba Group

Overview

Sleek and scalable for hotels big and small, the Solitaire 710-II door lock is a simple & reliable electronic locking solution. It is uniquely designed to operate with the keycard in a 'swipe' motion. Each lock maintains an audit trail to create user accountability. The Solitaire 710-II works with both the web-based ATLAS™ and the stand-alone portable Front Desk Unit (FDU).

Applications
• Suitable for small to very large scale hotels
• Access control for guest rooms, common areas, and back-of-the-house

Security Features
• High security and tamperproof design
• 1" solid deadbolt (optional auto deadbolt)
• Emergency access: Emergency keycard, mechanical key and electronic override

Low Maintenance
• Swipe reader slot is open so foreign objects are easily removed
• Batteries last approximately 2 to 3 years
• Low battery indicator alerts staff
• Lock programming and audit are not erased during battery replacement
• Wear resistant construction and finish
• Upgradeable lock firmware

Mechanical Features

Description	Heavy duty electronic lockset with mortorized lock case and built-in magnetic stripe card reader
Handing	Left or right factory handed
Lever	ADA compliant, outside lever free to rotate upward and downward in locked mode Lever clearance (space from end of lever to door): Long Lever: 1/16" [1.6mm] Short Lever: 7/8" [21.88mm]
Knob Option	Spherical knob for inside and/or outside housing, non-ADA compliant, outside knob free to rotate in locked mode. Distance from door to end of knob Outside housing: 3.25" [82.55 mm] Inside housing: 3.375" [85.725 mm]
Concealed Key Override [optional]	- ILCO KIK Core (keyed-alike, master keyed, recodable) - Best small IC adaptor
Deadbolt	1" [25 mm] (for AMM/ASM mortise) or 21.4 mm (for SSM mortise) solid metal, projected by inside thumb turn and retracted with the latch by the interior handle. Emergency override or specific staff keycards. Optional auto deadbolt available
Shipping Weight	11.45 lbs (5.2 kg)
Housing Construction	Cast zinc alloy (outside housing, levers, thumb turn and inside housing)
Standard Finishes	Satin chrome, satin brass, and ultra finish for ocean front applications

Solitaire™ 710-II in chrome

Mechanical Features continued

Standard Backset	2 ¾" [70mm] backset, 2 ⅜" [60mm] backset also available for cylindrical lock
Locking Options	ANSI lock case with 1 ½" or 1" lock front mortise. Optional automatic deadbolt European lock case mortise [20 x 165 mm] with round (20 or 23 x 235 mm) or square (20 x 235 mm) lock front mortise

Batteries

Alkaline	4 AA batteries for up to 100,000 openings or approximately 2 to 3 years (based on 10 openings per day). Low battery indicator: alerts staff that batteries need to be changed soon

Lock Operation

Date/Time Stamp	Real time; date and hours/minutes
Programming and Audit Trail Downloading:	Using Kaba M-Unit or FDU
Pre-registered Keycards	Up to 10 days in advance
Keycard Expiry	From 1 hour to 7 years, depending on type and setup
Passage Mode	Set by authorized keycard
Lockout Mode	Set by authorized keycard
Keycards Accepted	Low or high (2700 oe) coercivity track 3 magnetic stripe cards that comply with ISO standard dimensional specifications
Feedback	"Dual sensory" audible and visible indicators
Audit Memory	Last 350 transactions
Privacy Override	By guest keycard user selectable

Certifications and Testing

Accessibility Standard	ADA compliant levers (Code of Federal Regulations 28 CFR Part 36 – 1994 "ADA Standards for Accessible Design")
BHMA/ANSI	Certified to be compliant with Grade One performance tests for "ANSI/BHMA A156.13-2005 Standard for Mortise Locks and Latches," and "ANSI/BHMA A156.25-2007 Standard for Electrified Locking Devices." (only locks tested and approved by non-biased third-party test lab are allowed in the "BHMA Certified Products Directory" found at www.buildershardware.com)
Fire Rating	Listed for pre-prepared manufactured doors and certified for retrofitting on existing doors by Underwriters Laboratories for use on fire doors having up to a three-hour rating. a. U.L. Certification: GWVW.R12071 "Accessories for Single-point Locks and Latches and Fire Exit Hardware." Evaluated in accordance with UL 10B and UL 10C. b. U.L. Listing: GYQS.R11247 "Electrically Controlled Single-point Locks and Latches." Evaluated in accordance with UL 10B and UL 10C. c. Also classified in accordance with Uniform Building Code Standard 7-2, "Fire Test of Door Assemblies" (1997)
Electronics	FCC Part 15 Class A and CE directive 89/336/EEC compliant
Environmental Operating Conditions	Indoor side: 32°F to 151°F (0°C to 66°C) Outdoor side: -31°F to 151°F (-35°C to 66°C) 0% to 85% non-condensing humidity at 86°F (30°C)
Florida Building Code	Approved in the exterior door category (exterior door components). Code of approval is FL13061

Warranty

Standard Factory Warranty	Two years
Extended Warranty	ILCO Service Plans (Platinum, Gold, Silver)

Dimensions

10⁵⁄₁₆" (262 mm)   12½" (315 mm)

3⅛" (79 mm)   2¾" (70 mm)   3¹⁄₁₆" (78 mm)

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