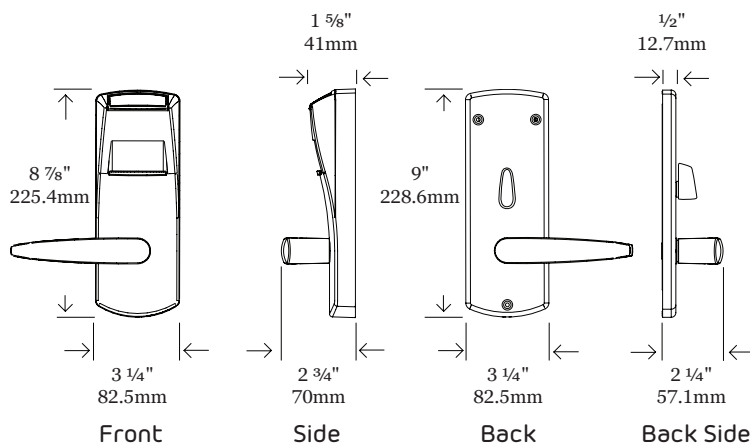# Ilco
76M Series

Overview

Robust, reliable and simple to operate, the Ilco 76M lock is a popular choice for properties of all sizes. Each lock maintains an audit trail to create user accountability. The Ilco 76M works with both the web-based ATLAS™ and the stand-alone portable Front Desk Unit (FDU).

Applications

- Suitable for small to very large scale properties
- Easily replaces existing mechanical or electronic door locks
- Access control for individual units, 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

- Insert reader slot is open so foreign objects are easily removed
- Designed for extended battery life
- Low battery indicator alerts staff
- Lock programming and audit are not erased during battery replacement
- Wear resistant construction and finish
- Upgradeable lock firmware for future enhancements

	1 ⅝" 41mm		½" 12.7mm
8 ⅞" 225.4mm		9" 228.6mm	
3 ¼" 82.5mm	2 ¾" 70mm	3 ¼" 82.5mm	2 ¼" 57.1mm
Front	Side	Back	Back Side

Mechanical Features

Description	Heavy duty electronic lockset with clutch mechanism and built-in magnetic stripe card reader (mortise, cylindrical, or exit trim)
Handing	Left or right factory handed mortise, field reversible handing (lever and mortise, except 1" mortise)
Levers	ADA compliant, outside lever free to rotate upward and downward in locked mode. Lever clearance (space from end of lever to door): Long Lever: ⅜" (9.5mm) Short Lever: 2" (51mm) Elevon & Gala Levers: 2" (58mm) Long Short Elevon Gala
Concealed Key Override (optional)	Ilco KIK Core (keyed-alike, master keyed, recodable) or Best small IC adaptor
Deadbolt	1" (25 mm) (for ASM mortise) solid metal, projected by inside thumbturn and retracted with the latch by the interior handle, emergency override or specific staff keycards. Optional auto deadbolt available.
Door Thickness	From 1 ⅜" to 2 ½" (35mm to 66mm)
Shipping Weight	8.5 lbs (3.8 kg)
Housing Construction	Cast zinc alloy (outside housing levers and thumbturn), stainless steel inside housing
Standard Finishes	Satin Chrome and Satin Brass
Standard Backset	2 ¾" (70mm) backset, 2 ⅜" (60mm) backset also available for cylindrical lock
Locking Options	ANSI lock case with 1 ¼" or 1" front mortise. Optional automatic deadbolt. Cylindrical latch (2 ⅜" or 2 ¾" backset).

Batteries

Alkaline	Three AA batteries for up to 50,000 openings or up to three 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 one hour to seven years, depending on type and setup
Passage Mode	Set by authorized keycard
Lockout Mode	Set by authorized keycard
Keycards Accepted	Low coercivity, track 1, 2 or 3 magnetic stripe cards that comply with ISO standard dimensional specifications. Hi-Coercivity (2,700 oresteds), track 3
Feedback	"Dual sensory" audible and visible indicators
Diagnostics	Built-in battery voltage meter and lock version display
Audit Memory	Last 200 transactions
Disability Feature	Extended unlock time (4 seconds standard, 15 seconds for disability)
Privacy Override	By resident keycard user selectable

Certification 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. U.L. Certification: "Accessories for Single-point Locks and Latches and Fire Exit Hardware." Evaluated in accordance with UL 10B and UL 10C. U.L. Listing: "Electrically Controlled Single-point Locks and Latches." Evaluated in accordance with UL 10B and UL 10C. 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	-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	Two years
Extended Warranty	Kaba Service Plans (Platinum, Gold, Silver)