

OM2000 CARD READER LOCKS

Keypad and Magnetic Card Reader Locks



The OM2000 cylindrical, Mortise, Quick Adapter, or Wall Mount System locks are programmable at the door by using any approved Windows® CE PDA. The database manager software runs on any MS Windows-compatible laptop or PC and can manage over 65,000 users in its powerful database. It users want to enroll OSI magnetic cards or their own student IDs, driver's licenses, or ATMs, then they must have a Track-2 Card reader (not necessary for keypad code operation).

- Installs Easier—Standard ANSI 156.2 prep
- Programs faster—2000 users in <10 seconds
- Largest Audit Trail—50,000 events
- Accepts existing ID Cards
- On-the-door diagnostics
- Made in USA with PRIDE

System Requirements:

- OM2000 Administrator's Package (Includes software, manual, Quick user reference cards, and card reader cleaners)
- Track-2 Card reader
- Track-2 Cards
- Windows®CE® Device

Omnilock® Access Control System Series

Functional Specifications:

- Capacity of 2000 individual users
- Audit trail of 25,000 to 50,000 events (optional key bypass detection)
- The Omnilock Facility Manager, a Microsoft Windows®9X/2000/NT/XP compatible program, runs on a desktop or laptop computer
- The Omnilock Data Link, a Windows®CE compatible program, runs on a handheld pocketPC and transfers data between the Omnilock OFM database and the OM2000 System lock - No plugs or laptops at the door!
- The OM2000 system Lock consists of a control module coupled to a Grade 1 lockset
- Access granted via Magnetic Stripe card (Track 2 or Track 3), keypad code, or card or code plus PIN
- Flash ROM facilitates lock software upgrades via infrared communication- No PCB change-outs.
- Password protected network-compatible software

- Battery powered (5 years/120,000 operations)
- Audit records user identity, date and time
- Time records user identity, date and time
- Time schedule controls access for 8 user groups
- Full electronic and electro-mechanical diagnostics may be run without removing lock from the door
- Cylindrical locks install in a standard ANSI 156.2 (formerly 161) door preparation
- Electronics easily retrofit to existing OM100, OM300, or OM500 Omnilock systems!
- Rugged steel-zinc construction

Functional Specifications, ID Types

Card ID length variable to 19 digits, keypad ID4 to 10 digits in length, and PIN lengths 3 to 6 digits long.

Programmer ID – Upload/download programming data, change access levels, group enabling, and run diagnostics. Privileges are assignable. Quantity as required.

Manager ID – Enables or disables User Groups. Sets access levels at doors, privileges are assignable.

General User ID – Allows access when access level is at ID Required and User Group is enabled. Quantity 2000 user less masters and managers

Service ID – Allows limited use to service personnel-PIN required at all times. Quantity as required.

Audit Log

Transactions: Retains last 50,000 events, whether keypad code, prox card or fob, key bypass detection, anti-tamper, attempt by unauthorized user, remote switch operation, or time scheduled event.

Events Audited: Ten separate events are recorded

Record Format: Date, Time, Identity, Event

Time Schedule

Sets Access Level and controls access by user groups automatically at selected preprogrammed times. May be preprogrammed for holiday scheduling.

Capacity: 144 scheduled events per day, 32 holiday periods

User Groups: 8

Internal clock

Resolution: 1 minute with leap year correction

Daylight Savings: Automatic or manual corrections

Part No.	Description
OSI OM2000 C SCH 626 -----	Cylindrical/Schlage , Rhodes Lever
OSI OM2000 M SCH 06 626-----	Mortise/Schlage Trim
OSI OM2000 MR SCH 626-----	Mortise Retro/Less Trim

KEYPAD-ONLY ELECTRONIC LOCKS
OM100, 300, 500 Locks


The OM100, 300, and 500 Cylindrical, Mortise, Mortise-with-dead-bolt, Quick Adapter, Wall Mount System, or Exit Device Trim locks are programmable at the door with either the traditional WP4000 printer *or* by using an approved Windows®CE®PDA. therefore, all you need to get started is a WP4000 printer or an approved Windows®CE® Device or approved PocketPC® running OSI software, and any number of OM100, 300 or 500 locks. No awkward plug-in cables or proprietary Data Transfer Modules (DTM) are required to program these systems.

Functional Specifications
Access Levels:

Unlocked: Free passage – handle unlocked.

Unlocked with Code: Unlocked after ‘first code in’.

Code Required: Valid code required for entry.

Lockout: Sub Master or Master Code required for entry.

Shutdown: Master Code required for entry.

Anti-tamper: Initially set after 3 consecutive invalid code entries. Additional key presses ignored for 10 seconds.

Code Types

All codes are from 4 to 9 digits long as determined by the length of the Master Code.

General User Code

Purpose: Allows access when access level is at Code Required and user group is enabled.

Quantity: 100 or OM100; 300 for OM300; 500 for OM500. Codes are assignable into four user groups.

Service Code

Purpose: Variable lifetime code –allows temporary (time limited) access to service personnel.

Quantity: 1

Sub-Master Code

Purpose: Limited Programming and Entry code.

Quantity: 8

Master Code

Purpose: Programming, Entry code and Shutdown

Quantity: 1

Audit Code

Purpose: Outputs Audit Log report to WP4000 wireless printer or compatible PocketPC.

Quantity: 1

Audit Log Transactions: Retains last 250 events for OM100, 500 events for OM300; of 750 events for OM500.

Record Format: Date, Time, Identity, Transaction.

Transaction Types: 16

Internal Clock

Resolution: 1 minute with leap year correction.

Daylight Savings: Automatic or manual corrections.

Time schedule

Sets Access level and/or controls access for user groups automatically at preprogrammed times.

Capacity: 144 scheduled events.

User Groups: 4

Holidays: 32

Facility Autocode

Multiple locks can be quickly set up with identical access codes to accommodate any number of users throughout a campus or building complex.

Environment
Standard Model

Temperature: 0 to 54°C (32 to 129°F)

Exposure: Inadvertent splashing or spray of water on keypad is acceptable. Not warranted for outdoor use.

Weatherized Model (Option WX)
Outside Module

Temperature: -40 to 54°C (-40 to 129°F)

Exposure: Direct exposure to rain and snow.

Inside Module

Temperature: 0 to 54° C (32 to 129°F)

Exposure: Drip proof. Inadvertent splashing or spray of water is acceptable.

New Weatherized Model (Option W)

Temperature: -20 to 54°C (-4 to 129°F)

Exposure: Direct exposure to rain and snow.

Part No.	Description	No. of Users
OSI OM100 C SR 626	Cylindrical/Arrow	100
OSI OM100 MR Schlage	Mortise Retro/Less Trim	100
OSI OM300 C SR 626	Cylindrical/Arrow	300*
OSI OM300 MR Schlage	Mortise Retro/Less Trim	300*
OSI OM500 C SR 626	Cylindrical/Arrow	500*
OSI OM500 MR Schlage	Mortise Retro/Less Trim	500*


Wireless Printer

Part No.	Description
OSI WP4000	Printer
OSI WP1106	Printer Paper/6 roll

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