



CyberLock™

Locking in on Your Security



CyberLock is an innovative lock system that easily converts existing mechanical locks into fully functional access control systems.

- CyberLock electronic cylinders replace standard mechanical cylinders
- No wiring or battery is required at the lock
- The keys cannot be duplicated
- Each key contains a list of locks it can open, at specific dates and times
- Keys can be assigned a begin date and an expiration date
- An audit trail is recorded in both the locks and the keys
- One key opens doorways, cabinets, padlocks, cash drawers, and vending machines

CyberLock for Doorways . . .

The Videx CyberLock cylinder is an electronic version of standard mechanical lock cylinders. Installation at the lock is as simple as removing the existing mechanical cylinder and replacing it with the CyberLock cylinder. Because the key provides the battery power to open the lock, installation in doorways—indoors and outdoors—is fast and easy. CyberLocks for doorway applications include the 6-pin cylinder, small format IC cylinder, mortise lock, and rim lock.

. . . And Cabinets, Drawers, & Vending Machines

The complete line of cylinders gives you the ability to control access to much more than just doorways. The CyberLock cam lock installs in cabinets and drawers, the 6-pin and IC cylinders install in padlocks and cabinet locks, and the T-handle cylinder installs in vending machines.

Designed for both indoor and outdoor applications, the durable CyberLock tracks and controls access to outside entrances, computer rooms, padlocked gates, cash drawers, jewelry cases, freight trucks, and vending cash collection routes.

CyberLocks for Door Access



Lever with 6-pin cylinder



IC cylinder



Knob with IC cylinder



Mortise lock



Rim lock

CyberLock—A Revolution in Access Control

The CyberKey

The intelligent CyberKey powers the system. CyberKey contains the battery power to operate the CyberLock cylinder and the specific access privileges for the key holder. For example, a key holder may have access to a lock between 7:45 AM and 5:15 PM, Monday through Friday, and no access on weekends and holidays. The key can also be assigned an authorization time period, so that it can be issued before authorization begins, and will automatically expire at a set time. Each key has a unique ID number that identifies the user, for a high degree of key security.



Log	User Name	Lock Name	Date/Time	Event
1	John Doe	Door 101	11/15/2001 10:15 AM	Access Granted
2	Jane Smith	Door 101	11/15/2001 10:30 AM	Access Denied
3	John Doe	Door 101	11/15/2001 10:45 AM	Access Granted
4	John Doe	Door 101	11/15/2001 11:00 AM	Access Granted
5	John Doe	Door 101	11/15/2001 11:15 AM	Access Granted
6	John Doe	Door 101	11/15/2001 11:30 AM	Access Granted
7	John Doe	Door 101	11/15/2001 11:45 AM	Access Granted
8	John Doe	Door 101	11/15/2001 12:00 PM	Access Granted
9	John Doe	Door 101	11/15/2001 12:15 PM	Access Granted
10	John Doe	Door 101	11/15/2001 12:30 PM	Access Granted
11	John Doe	Door 101	11/15/2001 12:45 PM	Access Granted
12	John Doe	Door 101	11/15/2001 1:00 PM	Access Granted
13	John Doe	Door 101	11/15/2001 1:15 PM	Access Granted
14	John Doe	Door 101	11/15/2001 1:30 PM	Access Granted
15	John Doe	Door 101	11/15/2001 1:45 PM	Access Granted
16	John Doe	Door 101	11/15/2001 2:00 PM	Access Granted
17	John Doe	Door 101	11/15/2001 2:15 PM	Access Granted
18	John Doe	Door 101	11/15/2001 2:30 PM	Access Granted
19	John Doe	Door 101	11/15/2001 2:45 PM	Access Granted
20	John Doe	Door 101	11/15/2001 3:00 PM	Access Granted
21	John Doe	Door 101	11/15/2001 3:15 PM	Access Granted
22	John Doe	Door 101	11/15/2001 3:30 PM	Access Granted
23	John Doe	Door 101	11/15/2001 3:45 PM	Access Granted
24	John Doe	Door 101	11/15/2001 4:00 PM	Access Granted
25	John Doe	Door 101	11/15/2001 4:15 PM	Access Granted
26	John Doe	Door 101	11/15/2001 4:30 PM	Access Granted
27	John Doe	Door 101	11/15/2001 4:45 PM	Access Granted
28	John Doe	Door 101	11/15/2001 5:00 PM	Access Granted
29	John Doe	Door 101	11/15/2001 5:15 PM	Access Granted
30	John Doe	Door 101	11/15/2001 5:30 PM	Access Granted
31	John Doe	Door 101	11/15/2001 5:45 PM	Access Granted
32	John Doe	Door 101	11/15/2001 6:00 PM	Access Granted
33	John Doe	Door 101	11/15/2001 6:15 PM	Access Granted
34	John Doe	Door 101	11/15/2001 6:30 PM	Access Granted
35	John Doe	Door 101	11/15/2001 6:45 PM	Access Granted
36	John Doe	Door 101	11/15/2001 7:00 PM	Access Granted
37	John Doe	Door 101	11/15/2001 7:15 PM	Access Granted
38	John Doe	Door 101	11/15/2001 7:30 PM	Access Granted
39	John Doe	Door 101	11/15/2001 7:45 PM	Access Granted
40	John Doe	Door 101	11/15/2001 8:00 PM	Access Granted
41	John Doe	Door 101	11/15/2001 8:15 PM	Access Granted
42	John Doe	Door 101	11/15/2001 8:30 PM	Access Granted
43	John Doe	Door 101	11/15/2001 8:45 PM	Access Granted
44	John Doe	Door 101	11/15/2001 9:00 PM	Access Granted
45	John Doe	Door 101	11/15/2001 9:15 PM	Access Granted
46	John Doe	Door 101	11/15/2001 9:30 PM	Access Granted
47	John Doe	Door 101	11/15/2001 9:45 PM	Access Granted
48	John Doe	Door 101	11/15/2001 10:00 PM	Access Granted
49	John Doe	Door 101	11/15/2001 10:15 PM	Access Granted
50	John Doe	Door 101	11/15/2001 10:30 PM	Access Granted

Dual Audit Report

A log of every access event—user ID, date, and time—is stored in both the lock cylinder and the user key. The cylinder stores the most recent 1100 events and the key stores the most recent 1150 events. These access events are transferred to the computer using the CyberKey base station, which connects to the serial port of the PC.

CyberAudit Software—Easy!

CyberAudit software for the PC is your tool for creating your access control system. Manage locks and keys, define user access privileges, create master keys and reset keys, and view a log of audit events from your PC. You can even keep a file of information on each key holder in your system. Program information is sent from the PC to the locks and keys in your system using the CyberKey base station.

High-Security Features

The CyberLock hardware includes many advanced design features to ensure your security. Since there is no keyway in the lock, it cannot be picked like a mechanical lock. The cylinder resists blows and forced rotation, and remains in the locked position if vandalized.

CyberAudit software also provides high-security features. A lock can be set to require more than one authorized key before it will open. A list of lost keys can be stored in each cylinder for when a key is missing or stolen, eliminating re-keying. A reset key allows you to electronically reset the passwords in your locks and keys if the security of your system is compromised. And, you can define expiration dates for each key for additional key control or to provide temporary access.



Remove mechanical lock cylinder



Insert CyberLock cylinder



Full-functioning system

CyberLock for Cabinets, Drawers, and Vending Machines



Cam lock



High-security padlock with 6-pin cylinder



Padlock with 6-pin cylinder



T-handle cylinder



Cabinet lock with IC cylinder

Sample Audit Trail Data File

Key Name

The assigned name of the keyholder

Lock Name

The assigned name of the lock

Date/Time

The day and time of each activity

Status

The type of activity

Key Name	Lock Name	Date/Time	Status
Joe Wilson	East Entrance	03/20/2000 06:14:22 AM	Denied
Abby Chaney	West Entrance	03/20/2000 07:28:03 AM	Key Authorized
Pete Suzzman	Records Room	03/20/2000 07:59:15 AM	Out of Schedule
John Michaels	Computer Room	03/20/2000 08:00:03 AM	Key Authorized
Evelyn Lefler	West Entrance	03/20/2000 08:12:16 AM	Key Authorized
Juanita Banks	Computer Room	03/20/2000 08:18:52 AM	Key Authorized
Andy Dunsinos	Computer Room	03/20/2000 08:27:12 AM	Denied
Juanita Banks	Chem Lab	03/20/2000 09:21:45 AM	Key 1 of 2
Abby Chaney	Chem Lab	03/20/2000 09:21:56 AM	Key 2 of 2 Authorized
Pete Suzzman	Records Room	03/20/2000 09:58:33 AM	Key Authorized
Pam Freeman	Computer Room	03/20/2000 10:12:07 AM	Blocked Key
Elizabeth Ward	East Entrance	03/20/2000 10:21:04 AM	Key Authorized
Abby Chaney	Chem Lab	03/20/2000 11:22:16 AM	Key 1 of 2
Don Acevedo	Chem Lab	03/20/2000 11:22:26 AM	Key 2 of 2 Authorized
Evelyn Lefler	Records Room	03/20/2000 02:16:33 PM	Denied
Les Escobar	Chem Lab	03/20/2000 03:18:22 PM	Key 1 of 2
Don Acevedo	Chem Lab	03/20/2000 03:18:29 PM	Key 2 of 2 Authorized

Joe tried to open the East Entrance door with an unauthorized key.

Pete, an authorized user, tried to open the Records Room door during a non-authorized time.

Evelyn, an authorized user, opened the West Entrance door at 8:12 AM on March 20th.

The Chem Lab requires two authorized keys to open, and Juanita and Abby both presented authorized keys to open the door.

Pam attempted to open the Computer Room with a key that is on the lock's Blocked Key list.

Specifications



6-pin, Schlage®-type, nickel plated
1.4" x 1" x .62" (35.5 x 25.4 x 15.9 mm)



Mortise, nickel and brass finishes
1.125" & 1.25" lengths (28.6 & 31.8 mm)



Cam, nickel plated
.75" diameter; 1.125" length (19.1 & 28.6 mm)



Rim, nickel and brass finishes
1.25" length (31.8 mm)



IC cylinder, nickel plated
1.42" x .93" x .52" (36 x 23.6 x 13.2 mm)



T-handle cylinder, nickel plated
.75" diameter; 1.58" length (19.1 & 40.1 mm)



CyberKey, super-tough nylon with metal tip
2.5" x 1.6" x .92" (63.5 x 40.7 x 23.4 mm)

CyberLock Cylinder

CyberKey

Battery	Not required	3V lithium
Battery Life	Not applicable	2000 to 5000 openings depending upon user configurable settings
Temperature	-40° to 160° F; -40° to 70° C	32° to 122° F; 0° to 50° C
Access Schedule	No limit to number of keys cylinder can support	Key recognizes up to 1250 locks
Access Modes	Programmed with CyberKey	Multiple custody of up to four keys; delayed access option
Log Capacity	1100 events	1150 events
Clock	Not applicable	Real-time clock

