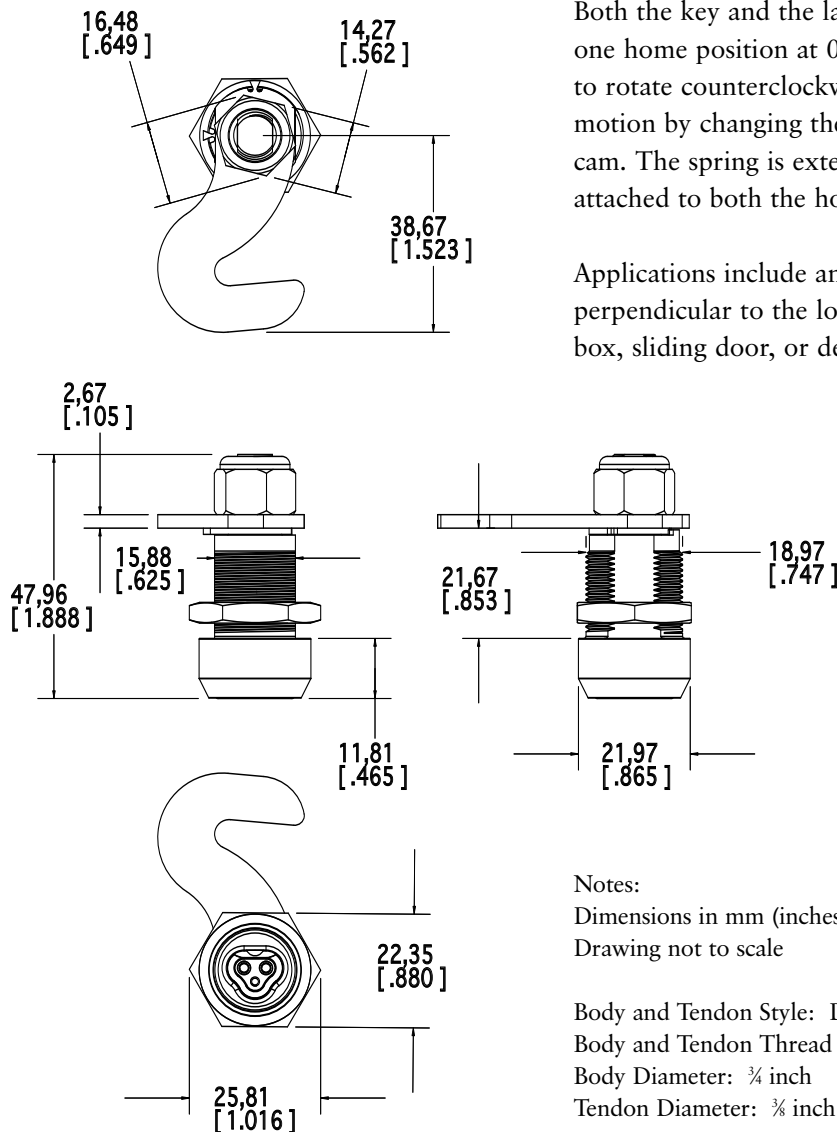# Cam Lock, Hook-Latch

Part number: CL-C3N

The Videx CyberLock hook-latch cam lock is an electronic version of a 3/4" Double-D hook-latch cam lock. The body is .853 inches from the back of the face to the front of the cam. The lock's inner cylinder and outer shell are made of nickel-plated brass, and the cam latch is stainless steel. The cylinder tendon is 3/8" in diameter. Both the body and tendon have a pitch of 24 t.p.i.

The hook latch cam is spring loaded, returning to the locked position automatically, and retains the key when in the unlatched position. In addition, a CyberKey alarms when left in a lock for more than one minute. These features help insure that the hook-latch remains in the locked position when not authorized to open.

Both the key and the latch have a 90° sweep; the lock has one home position at 0°. The cylinder is pre-assembled to rotate counterclockwise. It can be set for a clockwise motion by changing the orientation of the latch and stop cam. The spring is external to the cylinder and must be attached to both the hook and the inner wall.

Applications include anything with a hook catch mounted perpendicular to the lock face such as a fare box, cash box, sliding door, or deep freeze.

16,48 [.649]
14,27 [.562]
38,67 [1.523]

2,67 [.105]
15,88 [.625]
47,96 [1.888]
21,67 [.853]
18,97 [.747]
11,81 [.465]
21,97 [.865]

22,35 [.880]
25,81 [1.016]

Notes:
Dimensions in mm (inches)
Drawing not to scale

Body and Tendon Style: Double-D, threaded
Body and Tendon Thread Pitch: 24 threads per inch
Body Diameter: ¾ inch
Tendon Diameter: ⅜ inch

Cam Lock, Hook-Latch

Part number: CL-C3N

Specifications

Finish	• Nickel plating
Operating Temperature	• -40º to 160º F; -40º to 70º C, non-condensing
Power Requirements	• None; power is supplied by the key's battery.
Hardware Security Features	• No keyway to pick.
	• If torque is applied to the front of the cylinder, it separates from the back half leaving the cylinder in the locked position.
	• Resists electric charge applied to the face of the lock.
Hardware Options	• Tamper pin which blocks the locking pin automatically when impact force is applied to the front of the lock.
	• Hardened metal.
Number of Keys per Lock	• No limit to the number of keys that the lock can support.
Number of Locks per Key	• Up to 3300 locks can be accessed with a standard user key.
	• A Master key has no limit to the number of locks it can access.
	• A database has no limit to the number of locks or keys it can manage.
Lost Keys	• The system can designate and disable lost keys.
Access Schedules	• Schedules programmed into the CyberKey provide complete control over specific days and times that a key will operate. A key can use up to 49 different schedules to access locks.
	• A database has no limit to the number of schedules it can manage.
	• Holidays may be set as exceptions to the schedules.
Audit Capacities	• The lock remembers the last 1100 events with date and time.
	• A key remembers up to 3900 events with date and time. It can be set to keep only the most recent set of events or to stop operating when its audit trail is full.
Electronic Security Features	• Key Expiration – a begin/end date range can be set during which the key will work.
	• Delayed entry – a lock can be set to delay entry for up to 20 minutes.
	• Multiple key custody – a lock may be set to require more than 1 key (up to 4) before opening.
Electronic Rekeying	• Rekeying a system is done via the software; no need to install new locks and issue new keys.