



DIGILOCK DCR-ATV SERIES LOCK SPECIFICATION

PART 1 – GENERAL

1.1 SUMMARY

Furnish Digilock electronic locks for installation on lockers, cabinets or containers as shown or indicated on approved drawings.

1.2 SUBMITTALS

Provide in accordance with submittal procedures:

Locks: Product data for locks including lock type, orientation, lock interface, quantities and all necessary details related to mounting instructions.

Lock Management: Indicate lock management by key or card and required number of keys to be delivered directly to owner's representative.

PART 2 – PRODUCTS

2.1 MANUFACTURER:

Digilock, 9 Willowbrook Court, Petaluma, CA 94954; 707-766-6000; www.digilock.com. Requests to use equivalent products of other manufacturers shall be submitted in accordance with Product Substitution Procedures and may be approved provided they meet the detailed written specifications below.

2.2 LOCKSET:

2.2.1 Type: The lock shall be a Digilock DCR-ATV series, cam radio frequency identification RFID operated electronic lock.

2.2.2 Materials: The lock's front module containing the RFID field shall not be larger than 1.66"(w) x 6.02"(h) with a receptacle for the management bypass key and shall carry an architectural finish of U.S. BHMA 619 (brushed nickel). The lock shall contain a turn knob to manually move the cam latch. The lock shall contain an LED light for visual feedback and a device for audible feedback.

–OPTION 1: The lock shall contain a turn lever of such size to be ADA compliant to manually move the cam latch.

2.2.3 Mounting: The lock shall consist of two modules with the front module containing the keypad and cam latch mechanism and the rear module containing the battery housing. The front and rear modules shall contain a built-in connector capable of mating when the modules are installed on the door. The front module shall be recess-mounted in a mortised area on the outside of the door. The rear module shall be snap mounted on the inside of the door placing the door in between the two modules.

The two modules shall be connected to one another by extending the barrel through the door and securing the lock with a phillips screw.



2.2.4 Operation: The lock shall be operated by a user RFID card, an electronic ADA compliant user key or an electronic manager bypass key. Presentation of a valid card or key shall allow the cam latch to be turned to the locked or unlocked position. When locked, the LED shall emit a flashing red light to indicate use. The lock shall emit audio feedback in the case valid/invalid card presentation, low battery and binding.

The electronic manager bypass keys shall be registered to the lock with an electronic programming key that is unique to the lock/system. The lock shall automatically lock-out for one minute after three consecutive entries of invalid operating codes/keys. In case the user card is lost, entry of the electronic manager bypass key or programming key shall unlock the lock.

2.2.5 Power Source: The lock shall be powered by three AA batteries included with and housed in the rear module of the lock. The lock shall work stand-alone without wiring from another lock or central processor. The batteries shall last a minimum of 3 years with 10 operations per day. In case of battery failure, entry of the electronic manager bypass key or programming key shall provide external power to the lock.

PART 3 – EXECUTION

3.1 DELIVERY AND INSTALLATION

Deliver locks in manufacturer's original, labeled cartons. Locks must be installed in accordance with manufacturer's approved drawings and assembly instructions. Installation shall be level such that lock operates without binding.

3.2 PROGRAMMING

Upon completion of installation, inspect locks for proper operation with factory default code. Transfer programming key and manager bypass key(s) to owner.

3.3 QUALITY ASSURANCE

Digilock reserves the right to modify the design and/or function of lock and change specifications to maintain compliance with corporate quality assurance policies.