MProx-BLE™: CV-603 Series
2 Door Bluetooth® Access Control System

ADVANCED TECHNOLOGY

CV-603 Series is an app-based wireless Bluetooth® managed access control system designed to provide maximum flexibility in small door and gate applications and comes ready to support each system user with the card, security FOB, or smartphone credential they want. The intuitive programming app is Apple® and Android® protocol, with easy to use system set-up, user administration, downloadable audit trail and data back-up. Now featuring optional Virtual Remote License Keys to support smartphone credentials.

The CV-603 controller provides control for two doors, including inputs for readers, door position switch and REX device, and (2) outputs for electrified locking or alarm signal devices. A built-in 433Mhz. receiver supports two button wireless key fobs, providing an ideal solution for parking garage and gate control applications.

Features

- Programmed via BLE Phone App

- 2,000 User Capacity

- Built-in Bluetooth® mobile credentials option

- Wiegand Reader protocol – 26, 30, 34 and 37 bits

- Common Alarm Relay – Trigger remote devices

- Anti-pass back – Higher level of security

- Sensor Input – For door position switch or vehicle loop detector

- Form C relays – Fail-safe or Fail-secure electric locks

- Built-in 433 MHz key fob receiver – To be used with CX-TXM-2 two button transmitters

  - Encrypted rolling code and protected AES128 transmission of transmitters

- Operator Security Levels – 5, configurable

- 3 year warranty

SPECIFICATIONS

VOLTAGE: 12 VDC	WEIGHT: 7 oz. (200 g)	DIN RAIL MOUNT: YES
CURRENT DRAW: < 100 mA	READER INPUTS: 2	TEMPERATURE RANGE: -4°F to 131°F (-20°C to +55°C)
CONTACT RATING: 1A @ 12V AC/DC	READER OUTPUTS: 2	RELAY OUTPUT TYPES: Timed 1 - 180 seconds, Momentary, bi-stable / latch
USERS: 2000	READER INPUT TYPES: Wiegand 26, 30, 34, 37 Bit	CV-603 DIMENSIONS: 4-1/2"H x 3-1/2"W x 1-3/4"D
EVENTS: 3000	RECEIVER FREQUENCY: 433 Mhz.	(115mm x 90mm x 44mm)

MODELS

CONTROLLERS

	CV-603	Two door MProx BLE-Controller with 433 Mhz. receiver
	CV-603PS	Cabinet with MProx-BLE controller, 12 VDC, 1.5 amp power supply (without battery back up) and 16 VAC, 40 VA transformer

CONTROLLER & READER KIT

	CV-603PS-K1	Cabinet with MProx-BLE controller, 12 VDC power supply, transformer, (1) CV-7400 AWID/HID protocol reader & (1) CV-KTH HID protocol proximity tag.

EXTENSION ANTENNA

CV-603EA	433 Mhz. extension antenna for MProx-BLE Controller, 8 feet (2 meter) coaxial cable, 50 Ohm impedence, used to get beyond metal RF obstructions

WIRELESS KEY FOB

	CV-TXM-2	2 Button, 433 Mhz. key fob for MProx BLE Controller
	CV-TXM-2B	2 Button, 433 Mhz. key fobs, Package of 10

PROTOCOL READERS & CREDENTIALS
(See Camden website for a complete selection of available readers & credentials)

CV-603VR10	10 Virtual Remote Licence Key
CV-603VR50	50 Virtual Remote Licence Key

	CV-7400	Narrow compact HID/AWID protocol proximity reader, 4" - 5" range
	CV-CSH	HID Format Clam Shell Proximity Card, Package of 10
	CV-KTH	HID Format Proximity Tag, Package of 25

TYPICAL TWO DOOR SYSTEM

WHEN SECOND CARD READER IS CONNECTED, ANTI-PASSBACK FEATURE AVAILABLE

Note: See product manual for additional application drawings.

CAMDEN DOOR CONTROLS

Opening New Doors to Innovation, Quality and Support!

Certified ISO 9001: 2015
FS 541752