Camden DOOR CONTROLS

Model CV-634W
Piezo Keypad W/ Wiegand Output
Installation Instruction

Protocol: Wiegand 26

Power Supply: 12 to 28 VDC

Power Standby Consumption: less than 30 mA (40mA when illuminated)

Mounting: Single Gang Switch Box, or directly to the wall.

Environment: IP68; 100% relative humidity

Temperature: - 40° to + 70°C

CLICK-N-LOCK mounting screw protection.

When the LED control input is pulled low, the GREEN LED will be ON and the RED LED will be OFF. When the input goes high the RED LED is ON and the GREEN LED is OFF. The RED LED will flash with each key press. The LED control input is pulled to the internal +5v with a 2.2K resistor.

The data is sent at 1 msec per bit with a pulse duration of 50 usec. A Buzzer beeps with each key press.

26 BIT WIEGAND SPECIFICATIONS:

WIRING COLOR	FUNCTION	ELECTRICAL FUNCTION
RED	Input Voltage (+)	8-25 VDC
BLACK	Input Voltage (-)	
GREEN	Data 0	Open drain, 2.2K pull-up to internal +5V
WHITE	Data 1	Open drain, 2.2K pull-up to internal +5V
BROWN	LED Input	'LOW': LED=green, 'OPEN': LED=red
BLUE	CCTV output	Open drain, max 0.25 A activated with each key for 30 Sec.
VIOLET	Housing Ground	
ORANGE	Buffered Input	'LOW': Hold
GREY	Tamper Output	Open drain, max 0.25A, 'LOW' when light sensed

NOTES:

1. **Wiegand keypads are programmed with default Site Code "000".**

To change this Site Code perform the following functions:
- Disconnect the power for a minimum of 10 Sec.
- Connect Power.

Perform the following functions within 3 Sec. Of applying power:
- Enter * on Keypad. / Keypad enters program mode (Red Led flashing)
- Enter new Site Code followed by the # sign. / The new Site Code is assigned

2. **Blue Wire** PRESSING any key on the keypad will generate a 30 second 0.25 amp intermittent duty grounding output.

3. **Orange Wire** When the Hold Line, Orange wire, is pulled "low", any codes entered on the keypad are stored in the buffer. When the Hold Line is released to a logic "high" - the buffered code data is sent.

4. **Grey Wire** When the photodiode senses ambient light, the grey wire is pulled "LOW"

This Photodiode is mounted on the back of the Keypad. When installing this unit be careful not to damage the Photodiode.

5. An error code is generated by any of the following:
   a) Pressing the # key with no preceding digits;
   b) Pressing any number of only zero's prior to pressing the # key, or;
   c) Pressing 65,535 or any number above 65,535. An Error Code will send all binary l's to your pane1.

DO **NOT** Program your panel to accept code number 65,535.

Questions?

Call Camden tech support @ **1-877-226-3369**

| Push Buttons | Keypads | Strikes | Magnetic Locks | Key Switches | Relays & Timers | Access Control |