



Model #634iW

Piezo Keypad

W/ Wiegand Output

Protocol: Wiegand 26

Power Supply: 12 to 28 VDC

Illumination: 12 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

High security screws and plugs: mounting protection.

26 BIT WIEGAND SPECIFICATIONS:

WIRING COLOR	FUNCTION	ELECTRICAL FUNCTION
RED	Input Voltage	12 - 28 VDC
BLACK	Ground	
GREEN	Data 0	Open collector 1K ohm pull-up to internal +5V
WHITE	Data 1	Open collector 1K ohm pull-up to internal +5V
BROWN	LED Input	
BLUE	CCTV output	Open collector 0.25 A activated with each key for 30 Sec.
VIOLET	Housing Ground	
YELLOW	Site Code Select	
ORANGE	Buffered Input	
GREY	Tamper Output	Open collector 0,100 A "Low" when light sensed
BLACK/W	Illumination	Illumination - 12VDC
BLUE/W	Illumination	Illumination + 12VDC

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.

NOTES:

1. **Yellow Wire** – *ALL Wiegand keypads are programmed with two site codes.* Site Code "000" is the default standard. The second Site Code on "000" keypads is "001". The second Site Code on custom orders will be identified on the label. The second Site Code can be selected by grounding the YELLOW wire to the BLACK wire on the harness.
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.
3. **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 1's to your panel.
Do Not Program your panel to accept code number 65,535.

Questions?

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

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