



# EASYWIEG KEYPAD

The multi-format card reader emulator  
for  
Tower and Integra Access Systems



▶ EMULATES BOTH MAGNETIC STRIPE AND WEIGAND / PROXIMITY FORMATS

▶ ALLOWS EASY REMOTE CHANGING OF VISITOR OR EMPLOYEE CODES

▶ HIGH QUALITY STAINLESS STEEL CASE WITH METAL BUTTONS

▶ NON VOLATILE STORAGE OF SITE CODE AND FORMAT

▶ CAN BE WIRED IN PARALLEL WITH CARD READERS

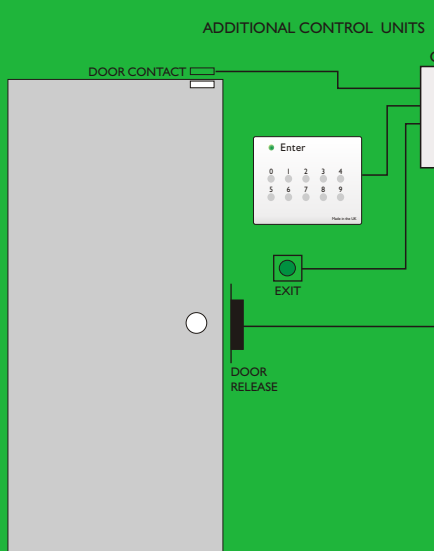
▶ LED AND AUDIO STATUS INDICATION

▶ LOW POWER 5 VOLT OPERATION

## The keypad that thinks it's a card reader

- \* Allows code only operation on card entry systems.
- \* Automatically includes the system site code with the PIN number.
- \* Programmable visitor facility with limited number range.
- \* Real keys for reliability with tactile feel - not a membrane keypad.
- \* Easy installation and simple to set up.
- \* Non volatile memory storage of facility code and format selection.
- \* Quality stainless steel case and buttons.
- \* Surface mounting.
- \* Low power consumption - 14ma at 5 volts allows use with low power card reader supplies.

### CODE ONLY ENTRY



### CARD OR CODE ENTRY



# Technical Specifications EZ-WIEG

## PROGRAMMING

The programming mode is started by entering a magic number within one minute of powering up.

## CODE ENTRY

Via the keyboard in the normal way. The variable pitch internal sounder provides audible indication of key presses and code acceptance. A green LED indicates door operation and programming status.

Programmable card number limit can stop the use of low code numbers thereby allowing cards to be used for low numbers and only codes for the high numbers.

## OUTPUTS

Open collector outputs - can share card reader port.

Generates Magnetic Stripe (clock and data) or Wiegand (data 0 and data 1) data stream.

34 bit IET and 26 bit general purpose Wiegand formats are standard

- other formats are available on request

Tower (IET) Standard ISO or Bank ISO magnetic stripe formats are standard

- other formats are available on request.

## POWER REQUIREMENTS

Supply voltage 4.5 to 5.8 volts max.  
Supply current 14 ma max.

## CONSTRUCTION

All stainless steel case with vandal resistant metal buttons operating real key switches (not a membrane keypad) for excellent reliability.

A sealing membrane is fitted between the buttons and the keyboard switches. The PCB is conformally coated for additional corrosion protection. A 20 mm cable entry is provided at the rear of the unit.

ACU Card reader connector

+5V  
IND1  
IND2  
RDA  
RDB  
BYP  
CLK  
GND

Shield

Belden 9535  
200 Metres max.

Shield

CNI  
GND  
SUP  
A  
B  
I  
GND

**EASYWIEG**

## CONNECTION TO ACCESS CONTROL SYSTEM

Connect via standard reader cable as shown above.

At the door end additional card readers may be wired in parallel with the keypad.

The low power consumption and excellent line driving capability allow it to be used up to 200 metres away.

## UNIT DIMENSIONS

90mm wide x 85mm high x 35mm deep

## UNIT WEIGHT

0.38 Kg.

## OPERATING ENVIRONMENT

Temperature 0-60 deg C, 10-90% RH

## CABLE LENGTH

200 metres maximum

## CABLE TYPE

Belden 9535 or equivalent

Supplied by:

For further information please contact our technical advisors

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