

Connecting a Mercury Sentry card reader

Overview

The reader supplied was configured for ** bit wiegand output.

To use Wiegand the reader must be ordered with the Weigand firmware chip.

To set up a Wiegand filter to screen out the card number, you will need to use the Net2 Server configuration utility. Once completed, select the reader 'Token data format' in Net2 to 'Wiegand Custom'.

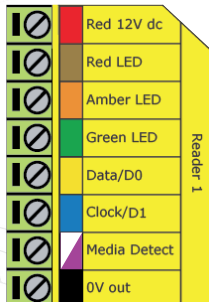
For more information see:

AN1010 - Configuring custom Wiegand formats < <http://paxton.info/990> >

AN1112 - Configuring a Wiegand keypad < <http://paxton.info/1650> >

The wiring configuration between the Net2 Controller and Mercury Sentry is as follows:

P510 Module	ACU terminal
Terminal G	+12V
NOT USED	Red LED
NOT USED	Amber LED
NOT USED	Green LED
Terminal E	Wiegand D0
Terminal F	Wiegand D1
NOT USED	NOT USED
Terminal H	0V



Ensure any unused wires are safely terminated.

It is not possible to use the LED output from the Net2 controller.

There are switches inside the reader that should be set up as shown:

LK1 = OFF

LK5 = OFF

LK6 = ON

The Mercury Sentry manual is available via: http://mercuryhmi.co.uk/pdf/sentry_manual.pdf

This reader has been tested with barriers from Pepperl + Fuchs, for more information please contact the manufacturer:

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