Paxton

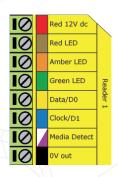# Connecting a IR Recognition Systems Handkey II to Net2

Overview

The Handkey II must be powered by an independent power supply, and not from the ACU reader port.

The output mode is set to Lock and Auxillary output as default. This must be changed to Card Reader Output to operate with Net2.

The standard Handkey II format, when set to emulate a card reader output, is 26 bit Wiegand with an 8 bit facility code. The facility code is set through the programming menu of the Handkey II. Once set, a custom Wiegand rule should be configured in the Net2 server configuration utility.

Cable Pinout	ACU terminal
-	+12V
-	Red LED
-	Amber LED
-	Green LED
TS-3 6	Wiegand D0
TS-3 5	Wiegand D1
-	NOT USED
TS-3 4	0V

Red 12V dc	
Red LED	
Amber LED	
Green LED	Reader 1
Data/D0	
Clock/D1	
Media Detect	
0V out	

Ensure any unused wires are safely terminated.

Users will need to be enrolled onto the Handkey II before they can be added to Net2. Once a user is added to the Handkey II, set the reader operating mode in the Net2 software to desktop reader, and make a valid presentation at the Handkey II. If configured correctly, the Add User screen will show in the Net2 software, and the user details can be updated accordingly.