

PARTS INCLUDED

- 1 - *Mv-1 Versatile Reader*
C/W 3M cable
- 1 - Stainless steel cover plate
- 2 - No 6 x 2" Snake eye security screws
- 1 - Drilling Template



SPECIFICATIONS

Supply voltage:	12 Volts DC
Maximum current:	120mA average 240mA peak
Max Cable distance:	125M
Operating temperature:	-30 to 65 C
Typical read range:	Card ~5cm Fob ~2cm

INSTALLATION

THE *Mv-1* MUST NOT BE MOUNTED DIRECTLY UPON METALLIC SURFACES

If it is absolutely necessary for the *Mv-1* to be mounted upon a metallic surface you should use the *Mv-1* plastic spacer kit (part number: 109018).

Note: Mounting the *Mv-1* upon (or close to) metallic surfaces will impair read range and it may not be possible to use key-fob type tokens.

CARE MUST BE TAKEN WHEN DRILLING MOUNTING AND CABLE ENTRY HOLES

Drilling of mounting and cable entry holes should be carried out using the drilling template as supplied, the correct size drill bits must be used.

FRONT COVER PLATE INSTALLATION

The *Mv-1* is supplied with a stainless steel cover plate which hides from view the mounting screws. The front of the plate is covered by a black protective plastic layer that can be easily peeled off after installation; the rear of the plate is supplied with double sided adhesive tape. You should first ensure the surface that the cover plate is to be fixed to is clean, dry and free from any grease or dirt etc. Remove the backing from the rear of the cover plate and carefully place on the reader applying firm pressure over the entire surface of the plate.

CONNECTING

The wires from to reader should be connected to your equipment in accordance with the following table:-

<u>Wire</u>	<u>Function</u>
Red	DC+ (12volts)
Black	Ground
Yellow	Buzzer
Orange	Green LED
Green	Data 0
White	Data 1

TESTING

Apply power, you will see the LED aperture flash green three times, this is accompanied by three beeps from the buzzer, after which the LED aperture will illuminate steady red. Present a card or token and verify that one green flash accompanied by a beep is seen and heard.

USING THE *Mv1 Versatile Reader*

PROXIMITY CARDS

Proximity cards should be offered up to the front of the reader.

PROXIMITY TOKENS

For best performance key-fobs should be presented to the LED light aperture and not to the centre of the reader.