

VandalProx

VandalProx
Proximity Reader

Installation Manual

**Part Nos. 105047,
105055, 105056, 105057**

Parts List	Qty
VandalProx Proximity Reader, complete with 3M cable	1
Fixings Pack (3 x No.6 x 50mm Masonry Screws & Rawlplugs)	1
VandalProx cover label	1
Installation Manual	1

Mounting Instructions

- The reader should be located in a position allowing reasonable proximity access for users in terms of height and closeness to the door.
- Drill a hole through the wall using a 10mm drill, then feed through the reader cable from the reader location into the secure area (usually inside the protected door). The reader will mount flat to the location position, so there is no need for any further preparation work.
- Holding the reader to the mounting position, mark the three screw fixing points.
- Drill the three fixing points using a No.6 masonry drill, to a depth of 32mm and insert the rawlplugs provided.
Fix the reader. Note that the fixing screws provided have non-standard fixing for increased security. A special tool is required to fix these screws (Part Nos. Snake Eye Bit - 221/1/87, the bit will require a standard Multi Bit Screwdriver - 221/1/88) Both can be obtained from your **VandalProx** supplier.
- Route the reader cable to the host access controller. Check the installation meets all relevant electrical codes.
- Check that the correct power supply is applied to the reader. It is intended that the reader be powered from a limited power source output from a previously certified power supply.
- The reader is ready for test, via the host control unit.

Testing and Operation

- When power is applied to the reader the LED will flash Green three times while the beeper beeps simultaneously. The LED will then turn Red. This indicates the micro controller is functioning correctly.
- Present an ID card to the reader. The LED will momentarily turn Green whilst the beeper beeps once, indicating that the card has been successfully read.

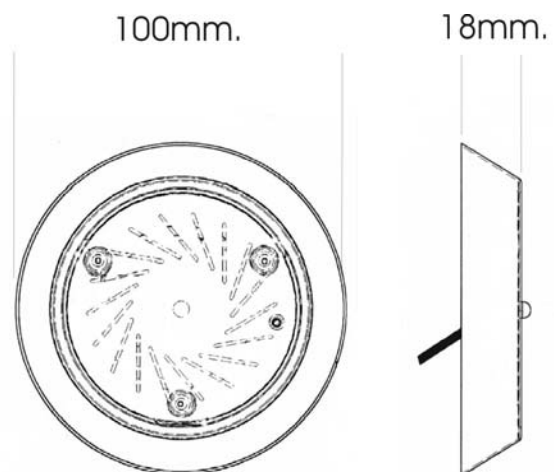
Connecting the Reader to the Host Controller

VandalProx is a 26-bit Wiegand reader suitable for connection to a wide range of access controllers.

VandalProx is HID compatible and may be used in conjunction with the HID range of user tokens. **VandalProx** may be used also in conjunction with other HID readers on the same installation.

Connection of the reader to the host controller should be in accordance with the wiring table below and also with the host controller operating requirements.

Wire Colour	Function
Red	V+
Black	0V
Yellow	Beeper
Orange	Green LED
White	D1
Green	D0



Important Product Specifications

Power Requirements (Linear supply)

Operating Voltage Range 5.1 – 16.0 V DC
 Peak current 80mA
 Ave. Current 5V or 12V 20mA
 Max. Reader/host distance 125M