



## P103VR Series HID Compatible Vandal Resistant Card Reader



### Features

UP TO 75MM READ RANGE

5-16VDC POWER SUPPLY

TOUGH STAINLESS STEEL CONSTRUCTION

OPTIONAL BI-COLOUR HOST CONTROLLED LED

WIEGAND OUTPUT (CLOCK AND DATA OPTIONAL)

WEATHERPROOF EXTERNAL MOUNTING

18" PIGTAIL CONNECTION

LIFETIME WARRANTY

### Details

The P103VRp has been designed to meet the needs of HID Prox 125Khz users who have a requirement for an external use vandal resistant card reader.

The reader features a two-part, stainless steel, surface fixing construction which is simple to install with a convenient 18 inch pigtail for connection to the host controller. An optional 2.9m pigtail version is also available.

Feedback to the card-holder is achieved by means of a configurable Bi-colour LED although this can be disabled if necessary. A beeper option can also be provided to enable both audible and visual confirmation.

The reader features an industry standard Wiegand output for compatibility with almost any host access controller as well as an optional Clock and Data interface option. The reader recognises card formats up to 85 bits, with over 137 billion unique codes.

The P103VRp is optimised for use with HID 125Khz Proximity cards yielding a typical read range up to 75mm (depending on card type and localised installation variables). Key-fobs achieve a typical read range of approx. 10mm.

For applications that require HID iCLASS or Mifare, please refer to the P103VRi data sheet.



# P103VR Series HID Compatible Vandal Resistant Card Reader

## Technical Specification

### Enclosure

Construction Two piece Brushed Stainless Steel Grade 316. Potted electronics.  
Dimensions 99mm (H) x86mm (W) x 19mm (D)  
Weight 0.25 Kg

### Power

Input Nominal 12vDC20/ 75mA (Range 5-16vDC)

### Environmental

Operating Temp -30°C to +65°C  
Humidity 0% to 95% (non-condensing relative humidity)

### Interfaces

Communications Wiegand/Clock and Data

### Cable/Connections

Cable 7/0.2 screened cable - Belden 9536 (or equal)  
Distance Wiegand Interface 150m

### Transmit Frequency

Frequency 125Khz

