



## Sprite Outdoor Proximity Reader

The Sprite proximity reader is an advanced, self contained Radio Frequency Identification (RFID) contactless reader designed to be used in conjunction with the PAC series door access controllers in areas where proximity security is desired, and weather resistance is a priority. It can also be interfaced with most Wiegand input access controllers.



### Features

- Fully sealed construction for outdoor applications
- Compatible with the Presco™ PAC series decoders
- When integrated with Presco™ PAC access controllers the entire system uses low cost non-shielded cable and readers can be up to 1 kilometer from the door controller
- Compatible with most industry standard 26 bit Wiegand systems
- Other Wiegand formats available on request
- Read range up to 15 centimeters

With the Presco™ system the door controller and reader are separated, allowing the controller to do the code processing in a remote protected environment. The code is transmitted from the reader using only two wires, making installation simple and cost effective. The door controller and reader can be separated by up to 1 kilometer using low cost 4 core non-shielded cable!



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When the *Sprite* proximity reader is used with a *PAC* series decoder it can be cabled using low cost non-shielded cable; most other proximity readers have to be cabled with expensive shielded cable. Additionally, the *Presco™ Sprite* reader can be separated from the *PAC* decoder by up to 1 kilometre; most other proximity readers are required to be within 100-200 meters of the door controller. With the *Sprite* and a *PAC* access controller you can install a proximity reader almost anywhere, without the headache of expensive readers, door controllers and limited cabling distances.

### Features

- Voltage 8 to 16VDC
- Current 70mA max @ 16VDC
- Size 90mm x 45mm x 14mm
- Outputs Wiegand & *Presco™* formats
- Wiegand Pulse Width 50µs
- Wiegand Pulse Separation 2ms
- Operating Temperature 0°C to 70°C



## Other Products In The Presco™ Family

### PACDL Data Logger

The *PACDL* (*Presco™ Access Control Data Logger*) offers an affordable access control package for up to 8 access points when used with the *PAC* series door access controllers. The *Data Logger* provides a user friendly platform for access control with the ability to store data and program your access control system locally or on a PC.



### PRX Indoor Proximity Reader

The *PRX* proximity reader is an advanced, self contained *Radio Frequency IDentification* (RFID) contactless reader designed to be used in conjunction with the *PAC* series door access controllers in areas where proximity security is desired, but weather resistance is not a priority. It can also be interfaced with most Wiegand input access controllers.



### PRE Standard Keypad

The *PRE* (*Presco™ Remote Encoder*) is designed to be used with the *PAC* series door access controllers in areas where keypad security is desired, but weather and vandal resistance is not a priority. When a *PRE* is coupled with any *PAC* series door access controller you get the benefits of a secure door access control solution with all of the features of the *Presco™* system.



### PAC1 and PAC2 Door Access Controllers

The *Presco™ PAC* (*Presco™ Access Controller*) door access controllers utilise the latest microprocessor technology to operate an electric door locking device. Together with a *Presco™* encoder (or other devices with the addition of a *Presco™ Interface Module* model *PIM*) the *PAC* offers affordable access control to restricted areas for up to 400 users.



### PIM Interface Module

The *PIM* (*Presco™ Interface Module*) can be used to convert commonly used data formats to either *Presco™* or Wiegand format. Formats supported include Wiegand, Clock & Data and *iButton™*.



### PSE Rugged Keypads

The *Presco™ PSE* is a vandal and weather resistant keypad designed to be used in harsh environments. Simply add a *PSE* to a *PAC* access controller to get all of the features of the *Presco™* system, with the added benefit of rugged durability.



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