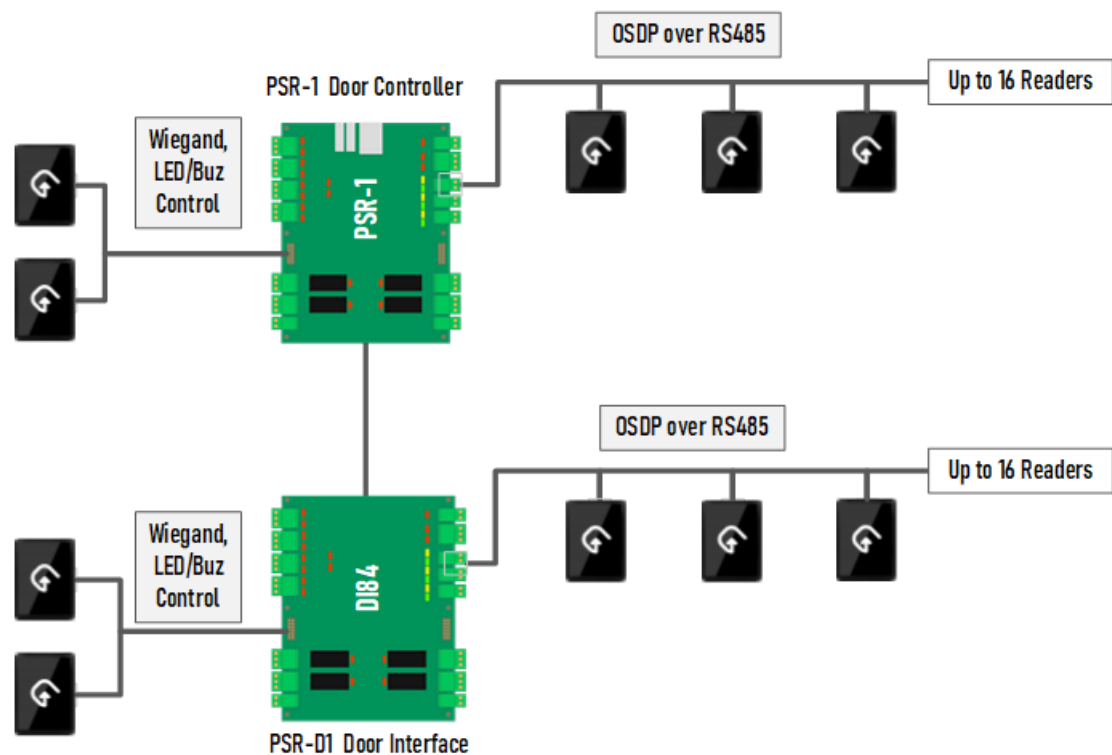# Lockswitch

Proscalar

Mark I

Reader Series

Key Design & Features

- Reads securely encrypted Mifare Desfire EV2 cards to avoid card cloning and emulation.

- Supports reading of Mifare Classic Card Serial Number.

- Supports Wiegand output & OSDP to ensure interoperability.

- Reader Configuration performed easily with the use of configuration cards.

- Reverse power protection.

- Weatherproof design with IP65 rating.

- Designed to be installed on metal surfaces with minimal deterioration on reader performance.

- ESD protection on all inputs and outputs.

- Available in Keypad & Non-keypad versions.

PSR-RD Connections

PSR-RD Technical Specification

PSR-RD TECHNICAL SPECIFICATION		
Power	Voltage	10-15Vdc
	Current	150mA (max)
Environmental Limits	Operating Temperature	-30 - 70°C
	Humidity	95% Non-Condensing
Card Reading	Supported Cards	Mifare CSN 4-byte, 7-byte. Mifare Desfire EV2 (AES Encryption)
	Read Range	2-3cm
Other Mediums	Supported Identification Type	QR, Bluetooth (Please enquire for more information)
Communications	TTL Data Output	Wiegand
	RS485 Communications	Addressable OSDP (Secure Channel) over RS485. Up to 115kbps.
LED/ Buzzer Control		Via OSDP or Signal Inputs
Case Material		PC+ABS
Dimension	Height x Width x Depth (mm)	115.5 x 84.5 x 20.5