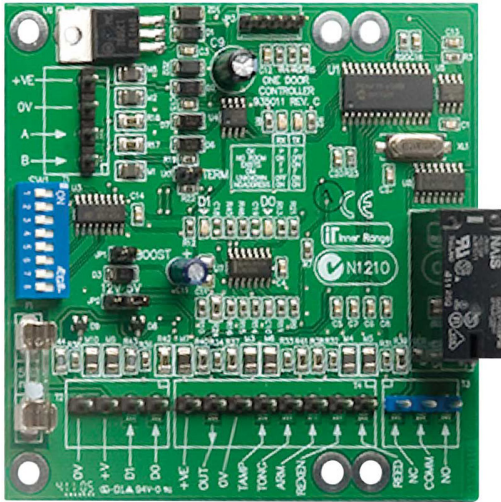# Concept Single Door Access Module

Designed for sites where you need an affordable single door, single card reader access module, this One Door Access module is the perfect choice. e.g. Lift Cars, Boom gates or any door that is not in close proximity to another door, etc.

The Single Door Access Module is designed to provide an interface for a single Reader head along with the required inputs and outputs for the control and monitoring of a Single Door. Magnetic Swipe or Wiegand Reader formats are supported and an on-board relay provides lock switching. A single Auxiliary output is provided to control Reader LEDs and/or Buzzers and can be configured as a general purpose output, or to indicate "Door Open Too Long" (DOTL) OR "Valid", "Invalid" and "DOTL" Programming options allow for Door Access to be integrated with Area On/Off Control where required.

Supports Multiple Card Reader Formats

Configuration options allow for a broad range of card reader technologies.

Key Features

- Supports magnetic swipe or Wiegand card readers without the need for an additional interface
- Standard version supports offline database of up to 31 backup cards
- Provides reed and tongue sense monitoring
- Request to Enter (REN), Request to Exit (REX) & Arm inputs provided
- Door Open Too Long (DOTL), valid and invalid output
- On-board lock relay
- Fuse protection of Reader head power

Specifications

Physical	
PCB Dimensions:	95(L) x 95(W) (mm)
Installation Environment:	0° – 40°C @ 15% to 85% Relative humidity (non-condensing)
Electrical	
Input Voltage to PCB:	11-14VDC (Typically from separate power supply)
Operational Current:	15mA
Max:	25mA with lock relay active. (NOT including Reader or Auxiliary Out current)
Fuse Protection:	500mA
Connections	
Zone Inputs:	4 (May have predefined functions depending on programming options selected, i.e.: Door Reed, REX/REN, Tongue Sense and Arm button)
Reader Ports:	1
Outputs:	Relay 1 (Typically used for door locks)
Outputs (Open Collector):	1 (Typically used for Valid/Invalid indication)