

# ACTpro 100

## Single Door Expander

# ACT

Access Control Technology

### Product Overview

The ACTpro 100 door expander works in conjunction with the ACTpro 2000 and ACTpro 3000 two door controllers and facilitates the expansion of the controller from two to a maximum of sixteen doors. Each ACTpro 100 unit allows for the addition of one extra door and is surface mounted. The ACTpro 100 door expander has a durable polycarbonate housing and is suitable for indoor use only.

### Features include:

- Single door expander for ACTpro 2000 and ACTpro 3000 controllers
- Maximum of 14 ACTpro 100 door expanders to each ACTpro 2000 and ACTpro 3000
- Programmable inputs and outputs
- Auxiliary relay output
- Requires 12 Volt DC supply
- Supports entry/exit readers

### Installation / Specification Guidelines

- For indoor use only
- The ACTpro 100 is compatible with all versions of ACTpro 2000 and ACTpro 3000 controllers
- Maximum of 14 ACTpro 100 door expanders to each ACTpro 2000 and ACTpro 3000 controller
- ACTpro 200 and ACTpro 100 may be connected on the same network

### Cabling Chart

From	To	Cable	Restriction
Reader	Controller	8 core screen	30m at 5 Volts 100m at 12 Volts
ACTpro 100	ACTpro 2000/3000	Twisted screen pair Belden 9502 or equivalent or Cat5	Maximum 1.4km
ACTpro 2000/3000	PC Direct RS232	Twisted screen pair Belden 9502 or equivalent or Cat5	Maximum 30m
Network RS485 Interface	PC	Cable supplied	Maximum 30m

### Ordering Information

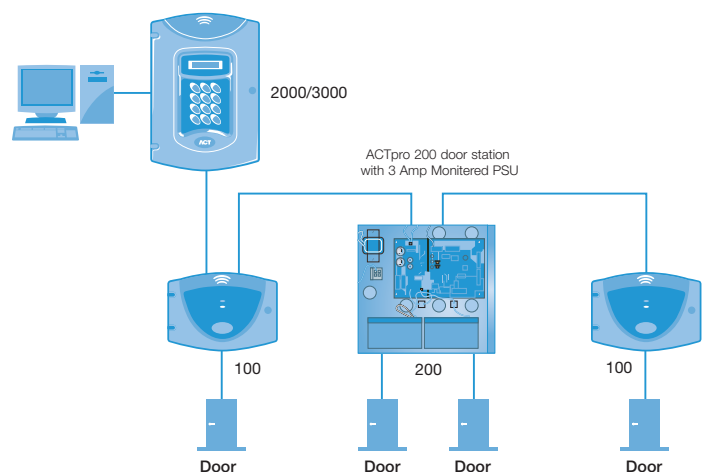
ACTpro 100 Door Station	ACTpro 100
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ACTpro 100

### Product Specification

Operating Voltage:	12V DC
Consumption:	40 / 120 mA
Weight:	414 grams
Operating Temperature:	-10 to +50 C
Dimensions (HxWxD):	110 x 190 x 60 mm
Mounting:	Surface
Installation:	Indoor



ACTpro 2000/3000 controllers and ACTpro 100 expanders require a 12 volts DC supply

### ACTpro 100 Schematic

For details of the ACTpro 200 please see overleaf