

ACTpro 100 / ACTpro 1002A

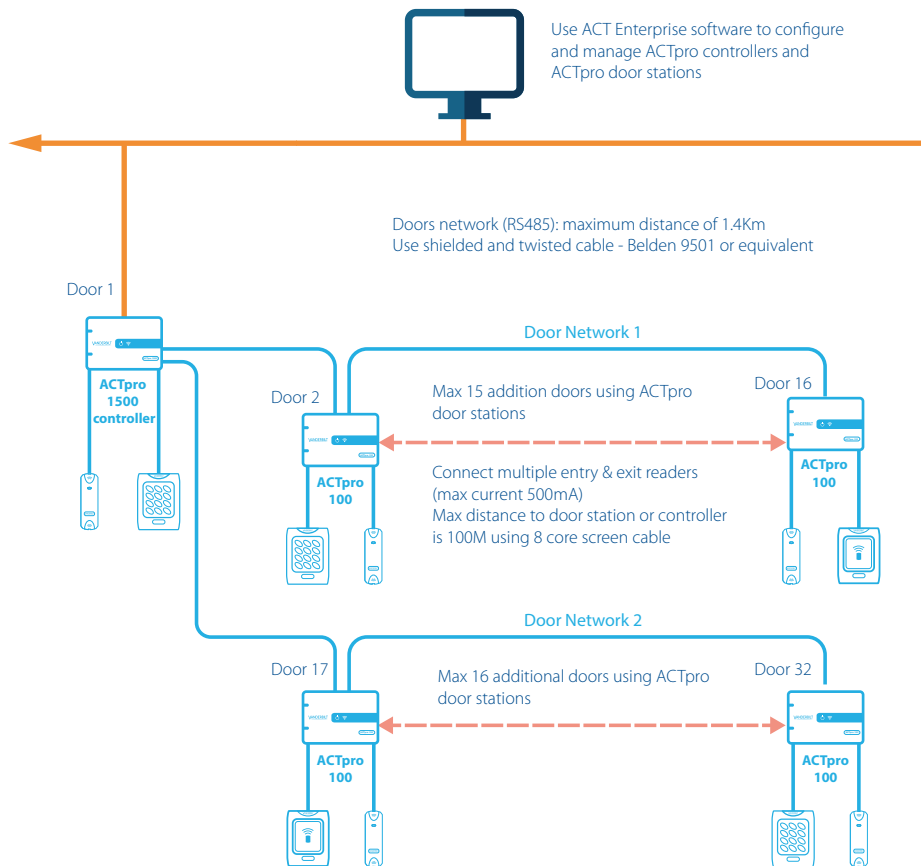
Single door station



Introduction:

The ACTpro 100 family of door stations facilitates the expansion of additional doors on ACTpro controllers.

ACTpro 100 Schematic:



ACTpro 100 / ACTpro 1002A

Single door station

Main Features - ACTpro 100:

- ✓ Main Relay for door control (5A/50V AC/DC)
- ✓ AUX relay for alarm monitoring (1A/50V AC/DC)
- ✓ Supports all ACTpro readers including MIFARE Classic, DESFire EV1
- ✓ Supports Clock&Data or Wiegand readers
- ✓ Multiple entry & exit readers
- ✓ Reader short circuit protection
- ✓ Break Glass Monitoring
- ✓ Supply Voltage Monitoring
- ✓ Request to exit
- ✓ Door monitoring
- ✓ Tamper and Mains present monitoring
- ✓ Status LED's
- ✓ Space in enclosure for cable management
- ✓ Interlock
- ✓ Anti passback

Certifications:

ACTpro-100

This equipment type is in compliance with the following EU Directives for CE marking:

- Directive 2014/30/EU (Electromagnetic Compatibility Directive)
- Directive 2011/65/EU (Restriction of the use of certain hazardous substances Directive)

Declaration of conformity available at: <http://van.fyi?Link=DoC>

ACTpro-1002A

This equipment type is in compliance with the following EU Directives for CE marking:

- Directive 2014/30/EU (Electromagnetic Compatibility Directive)
- Directive 2014/35/EU (Low Voltage Directive)
- Directive 2011/65/EU (Restriction of the use of certain hazardous substances Directive)



Installation Guideline

ACTpro-100 & ACTpro-100 2A:

- For indoor use only
- The ACTpro-100 door-stations are compatible with the ACTpro family of controllers
- The ACTpro-100 2A must be installed as a permanently connected piece of equipment by a licensed electrician in accordance with local / national codes



ACTpro 100 / ACTpro 1002A

Single door station

Product/Technical Specification	ACTpro-100	ACTpro-100 2A
Vanderbilt Material Number	V54502-C120-A100	V54502-C121-A100
Input Voltage Range (Controller)	12V DC	12V DC
Current Consumption (Controller)	40 - 120 mA	40 - 120 mA
Operating Environment	Surface mounting, Internal Use only	Surface mounting, Internal Use only
Environmental Temperature	-10 to +50° C	-10 to +40 (operating) 75% RH non-condensing
Gross Product Weight (Kg)	0.60	3.06
NET Product Weight (Kg)	0.51	2.84
Size	250x175x60	355x305x95
RoHS	Yes	Yes
Reach	Yes	Yes
WEEE	Yes	Yes
Enclosure Material	ABS	1.2 mm steel gray powder coated
LED Status Indicators	Yes	Yes
PSU Fault Output	N/A	Yes
Lid opening tamper detection (front)	Yes	Yes
Rear tamper detection	No	Yes



ACTpro 100 / ACTpro 1002A

Single door station

Electrical Specificaiton	ACTpro-100	ACTpro-100 2A
Battery charging	N/A	Yes
Standby Battery	N/A	12V 7Ah Battery
Battery Depp Discharge Protection	N/A	No
Input: Voltage Rated	N/A	100-240V ac
Input: Voltage Operating	N/A	90-264V ac
Input: Frequency	N/A	50-60Hz
Input: Max Current	N/A	1.0A (@ 90V ac)
Input: Mains input fuse	N/A	T2.0A
Input: Max standby power	N/A	0.5W (no load and no battery connected)
Output: Voltage	N/A	13.4 - 14.2V dc (13.8V dc Nominal) on mains power 10.0 - 12.3V de on battery standby
Output: Max load current	N/A	2.0A
Output: Ripple	N/A	150mA pk-pk max
Output: Load output fuse	N/A	F2.0A
Outpot overload	N/A	Electrical shutdown until overload or short circuit removed (under mains power only)
AC Mains Monitoring	Yes	No

Ordering winformation:

Product Code	Material Number	EAN Number	Description
ACTpro-100	V54502-C120-A100	7330082004560	ACTpro-100 Door Station
ACTpro-1002A	V54502-C121-A100	7330082004577	ACTpro-1002A Door Station, 2A PSU
PS1270 Battery	N54545-Z156-A100		Battery 12V 7.0 Ah Flame Ret.

