

ACTpro 100

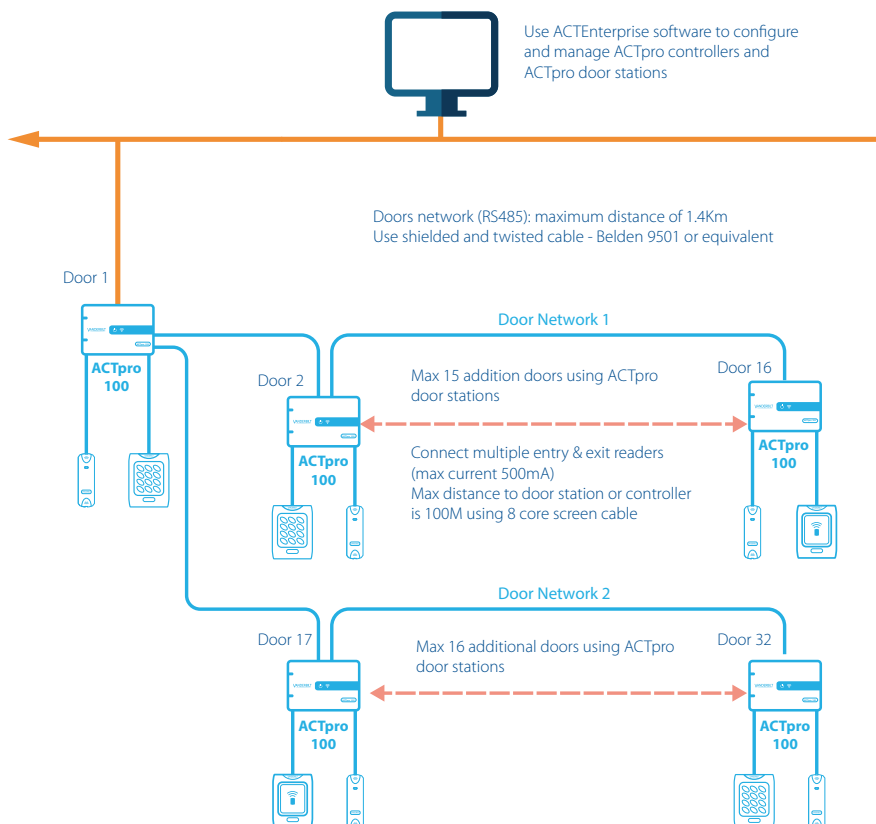
Single door station



Introduction:

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

ACTpro 100 Schematic:



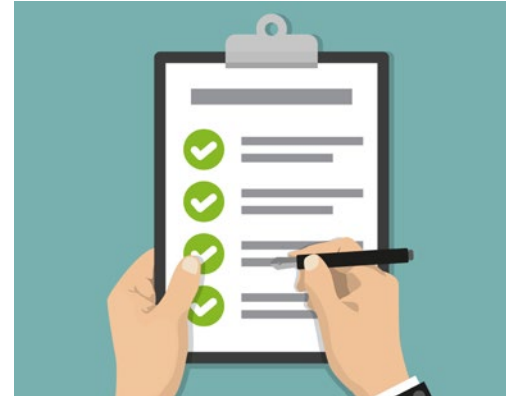
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ACTpro 100

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
- ✓ Voltage Monitoring
- ✓ Request to exit
- ✓ Door monitoring
- ✓ Tamper and Mains present monitoring
- ✓ Status LED's
- ✓ Space in enclosure for cable management
- ✓ Interlock
- ✓ Anti passback



Installation Guideline

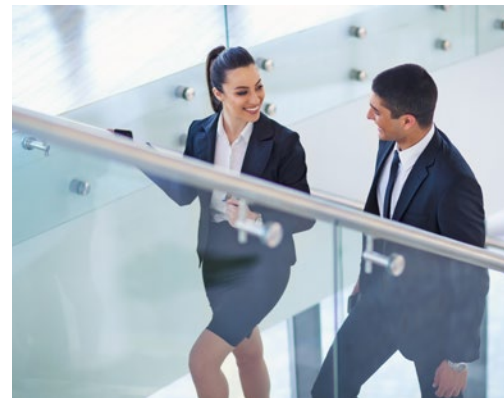
ACTpro-100 & ACTpro-100 2A:

- For indoor use only
- The ACTpro-100 door-stations are compatible with the ACTpro 1500 and 4000 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
- Mains power should be connected to the ACTpro-100 2A by a licensed electrician in accordance with local / national codes

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Product/Technical Specification	ACTpro-100	ACTpro-100 2A
Vanderbilt Material Number	V54502-C120-A100	V54502-C121-A100
Input Voltage Range (Controller)	11-24V DC	11-24V 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
Dimensions (H x W x D mm)	165 x 235 x 55	275 x 330 x 80
Weight (Kg)	0.4 Kg	2.2Kg
Enclosure Material	Polycarbonate	1.2 mm steel white 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



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Electrical Specification	ACTpro-100	ACTpro-100 2A
Battery charging	N/A	Yes
Standby Battery	N/A	12V 7Ah Battery
Battery Deep 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	F20.0A
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 dc 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	F200A

Ordering Information

ACTpro-100	Single door station
ACTpro-1002A	Single door station with 12V DC 2Amp PSU



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