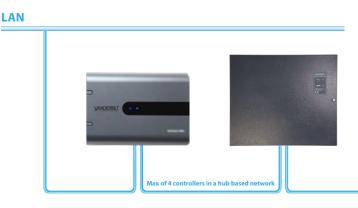# ACTpro 1500 / ACTpro 1500 2A / ACTpro 1500 PoE

Single Door IP Controller

Introduction:

ACTpro 1500 is a single door IP Controller and includes a dual port Ethernet switch. The controller supports 60,000 users and includes a rich set of advanced features, including voltage monitoring and break glass monitoring. The ACTpro controllers are ideal for single door system or a systems that need to grow up to 4,000 doors.

LAN

LAN

Max of 4 controllers in a hub based network

ACTpro-1500

ACTpro-15002A

ACTpro-1500PoE

VANDERBILT

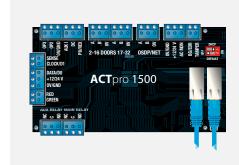# ACTpro 1500 / ACTpro 1500 2A / ACTpro 1500 PoE

Single Door IP Controller

Features:

- Dual port Ethernet switch, allows for a max of 8 hubbed controllers
- 60,000 Users (4 credentials and one PIN code per user)
- 1,000 User groups
- Compatible with all ACTpro systems
- Voltage Monitoring
- Break Glass Monitoring
- Monitoring are reporting of Mains present, Controller supply voltage, Tamper, EDR (Breakglass)
- Faults reported in ACT Enterprise software
- Anti-Passback
- Fire Override
- Airlock/Interlock
- Arm/Disarm intruder Panel
- IO module support (ACTpro IOM)
- Elevator Control
- TCP / IP - DHCP / Static IP addresses
- Extra rights and door plans included
- Status LED's
- Space in the enclosure for cable management
- Supports door station technology up to 32 doors
- Compatible with all ACT readers
- OSDP reader support
- 12V DC/ 24V DC Operating Voltage
- ASSA Aperio Wireless locks

VANDERBILT

Certifications:

ACTpro-1500 & ACTpro-1500PoE

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-15002A

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)

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

CE

Download manual from: **http://van.fyi?Link=ACTpro1500**

VANDERBILT

Product Capabilities	ACTpro 1500 family
Users	60,000
Card Per User	4
User Groups	1,000
Doors On Controller	1
Extra Rights (Requires ACT Enterprise pro)	Yes
Door Plan (Requires ACT Enterprise pro)	Yes
Log Events	5,000
Door Monitoring (Door Forced/Ajar)	Yes
Local and Global Anti-passback (controllers must be on the same routable network)	Yes
Fire Alarm Override	Yes
Airlock/Interlock	Yes
Arm/Disarm intruder panel	Yes
Integration with SPC (Requires ACT Enterprise pro)	Yes
IO Module Support	Yes
Elevator Control	Yes
Voltage Monitoring	Yes
Battery Monitoring	Yes
Break Glass Monitoring	Yes
Tamper Monitoring	Yes
PSU	No
Ethernet Ports (maximum of 4 controller on hub network)	2
DHCP/Static IP address	Yes
NetBIOS Name	Yes
Entry Exit Readers	Yes (multiple upto 500mA)
Time Actions	Yes
Toggle/Latch	Yes
Card only or PIN only	Yes
Card and PIN	Yes
Twin User	Yes
Validity period	Yes
Unlock configured doors on fire input	Yes
Muster reporting on Software or Android iOS Mobile app	Yes (App available on ACT Enterprise pro only)
Door Relay Output	5 Amp
Auxiliary Relay Output	1 Amp
Programmable Inputs	2
Programmable Outputs	2 (100mA)
ACT Door Station support (RS485)	Yes (31 Door Stations)
Aperio Locks supported per controller	16
Support RS485 Hubbed controllers	Yes
Support TCP/IP Connected controllers	Yes
Warranty	3 Years
Supports OSDP readers	Yes
Supports ACTpro Readers	Yes
Supports 3rd Party Wiegand Readers	Yes
Supports 3rd Party C&D Readers	Yes
Support for ASSA Aperio Wireless Locks	Yes
12-24 Volt DC Supply Voltage	Yes

VANDERBILT

ACTpro 1500 / ACTpro 1500 2A / ACTpro 1500 PoE

Single Door IP Controller

Product/Technical Specificaiton:	ACTpro-1500	ACTpro-1500 2A	ACTpro-1500 PoE
Vanderbilt Material Number	V54502-C111-A100	V54502-C143-A100	V54502-C112-A100
Input Voltage Range (Controller)	11-24V DC	11-24V DC	11-24V DC
Current Consumption (Controller)	350mA (Max)	350mA (Max)	350mA (Max)
Operating Environment	Surface mounting, Internal Use only	Surface mounting, Internal Use only	Surface mounting, Internal Use only
Environmental Temperature	-10 to +50° C	-10 to +40 (operating) 75% RH non-condensing	-10 to +40 (operating) 75% RH non-condensing
Gross Product Weight (Kg)	0.61	3.06	3.06
NET Product Weight (Kg)	0.52	2.84	2.84
Size (mm)	250x175x60	355x305x95	355x305x95
RoHS	Yes	Yes	Yes
Reach	Yes	Yes	Yes
WEEE	Yes	Yes	Yes
Enclosure Material	ABS	1.2 mm steel gray powder coated	1.2 mm steel gray powder coated
LED Status Indicators	Yes	Yes	Yes
PSU Fault Output	N/A	No	Yes
Lid opening tamper detection (front)	Yes	Yes	Yes
Rear tamper detection	No	Yes	Yes

VANDERBILT

ACTpro 1500 / ACTpro 1500 2A / ACTpro 1500 PoE

Single Door IP Controller

Electrical Specification:	ACTpro-1500	ACTpro-1500 2A	ACTpro-1500 PoE
PoE 802.3bt input (PoE Ultra / PoE++)	N/A	N/A	13.8V at 3A output + 0.5A battery charge
PoE 802.3at input (PoE+)	N/A	N/A	13.8V at 1A output + 0.5A battery charge
PoE 802.3af input (PoE)	N/A	N/A	13.8V at 0.3A output + 0.5A battery charge
Battery charging	N/A	Yes	Yes
Standby Battery	N/A	12V 7Ah Battery	12V 7Ah Battery
Battery Deep Discharge Protection	N/A	No	Yes
Input: Voltage Rated	N/A	100-240V ac	N/A
Input: Voltage Operating	N/A	90-264V ac	N/A
Input: Frequency	N/A	50-60Hz	N/A
Input: Max Current	N/A	1.0A (@ 90V ac)	N/A
Input: Mains input fuse	N/A	T2.0A	N/A
Input: Max standby power	N/A	0.5W (no load and no battery connected)	N/A
Output: Voltage	N/A	13.4 - 14.2V DC (13.8V DC Nominal) on mains power 10.0 - 12.3V DC on battery standby	See input voltage above
Output: Max load current	N/A	2.0A	N/A
Output: Ripple	N/A	150mA pk-pk max	N/A
Output: Load output fuse	N/A	F2.0A	N/A
Output: Overload	N/A	Electronic shutdown until overload or short circuit removed (Under mains power only)	N/A
AC Mains Monitoring	Yes	No	Yes

Ordering Information:

Product Code	Material Number	EAN Number	Description
ACTpro-1500	V54502-C111-A100	7330082004522	Single door IP Controller
ACTpro-15002A	V54502-C143-A100	7330082004539	Single door IP Controller with 2Amp 12V DC PSU
ACTpro-1500PoE	V54502-C112-A100	7330082004553	Single door IP Controller with PoE++ PSU
ACTpro-IOM	V54506-B100-A100	7330082004546	IO Module (8 Inputs and 8 Outputs)
PS1270 Battery	N54545-Z156-A100		Battery 12V 7.0 Ah Flame Ret.

VANDERBILT

vanderbiltindustries.com

@VanderbiltInd   Vanderbilt Industries

Vanderbilt International Ltd.

Clonshaugh Business and Technology Park

Clonshaugh, Dublin D17 KV 84, Ireland

+353 1 437 2560