

ACTpro 1500 & 1520

Single door IP Controller



The ACTpro 1500 is a single door IP controller expandable up to 32-doors via ACTpro door stations and supports 15,000 users which can be configured and managed using the built in web server or the ACT software.

The ACTpro 1500 is available with the option of a 12 Volt DC 2A PSU (ACTpro 1520).

Main Features - 1500 and 1520

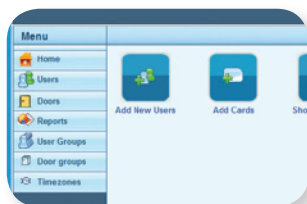
- TCP / IP - DHCP / Static IP addresses
- Built-in web server
- Break glass monitoring
- USB connection for ACTWin software
- Controls up to 32 doors
- Entry & exit reader standard
- Reader short circuit protection
- 15,000 users (2 credentials per user)
- 250 user groups
- Voltage monitoring
- Status LED's
- Space in the enclosure for cable management
- Anti passback
- Interlock
- Supported browsers: Microsoft Internet Explorer 8 & 9, Firefox 8.0
- Tamper and mains present monitoring

Additional Features - 1520 only

- 12Volt DC 2A output
- Monitoring of Mains present, output voltage and tamper, all faults reported on web interface
- Voltage monitoring via the web interface and ACT Software.

Integrated Web Server

No need to install software and no dedicated computer or server required for single ACTpro 1500 or 1520 installations

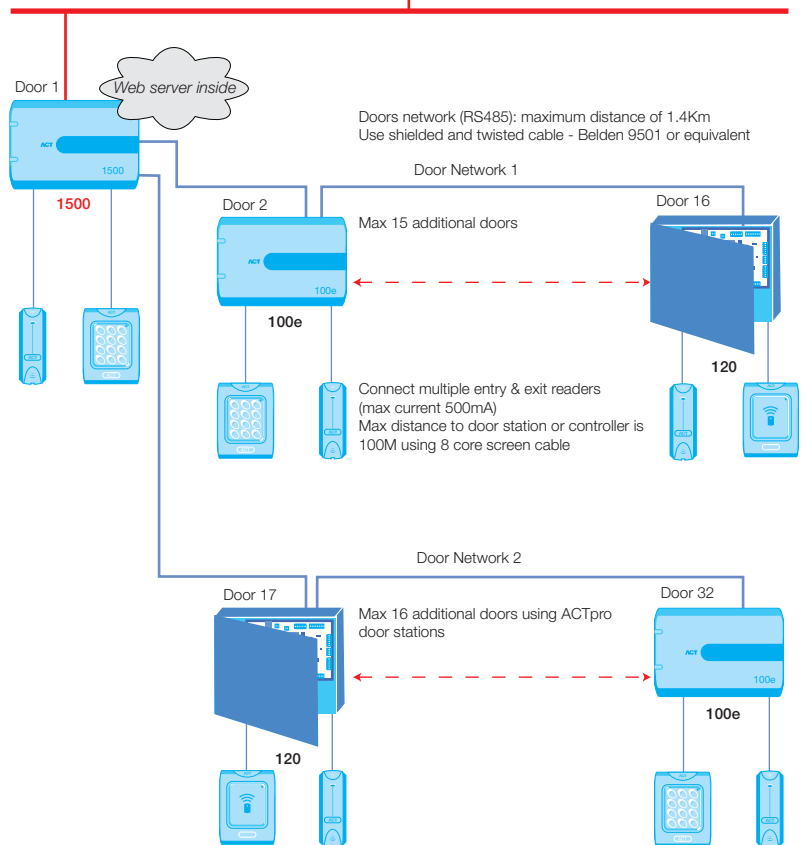


ACTpro 1500

ACTpro 1520



Use ACT Software or a Web browser to configure and manage the ACTpro 1500 controller. If there is more than one ACTpro 1500 on site use the ACT software.



ACTpro 1500 Schematic

- ACTpro1500 controls one door directly and up to 31 additional doors via ACTpro door stations
- ACTpro1500 may be connected over IP or directly connected via built in USB port

ACTpro 1500 & 1520

Single door IP controller

ACT
Access Control Technology



ACTpro 1520

Product Specification

| | 1500 | 1520 |
|----------------------------|----------------|----------------|
| Operating Voltage | 12 Volts DC | 220-240 V AC |
| Current Consumption | 250mA | n/a |
| Operating Temperature | -10 to 55° C | -10 to 55° C |
| Dimensions (H x W x D, mm) | 165 x 236 x 55 | 255 x 233 x 86 |
| Weight (gms) | 440 | 2450 |
| Mounting | Surface | Surface |
| Installation | Indoor | Indoor |

Electrical Specification - 1520

| | |
|------------------------|---|
| Input Voltage | 220-240 V AC |
| Frequency | 47 - 53 Hz |
| Input Fuse | 625mA 250V anti-surge fuse |
| Output Voltage | 13.65V (+/- 2%) |
| Max Load | 2A |
| Electronic Output Fuse | Yes |
| Battery Current | ≈ 0.5A for a battery discharged to ≈ 10V |
| Battery Protection | Deep discharge/Over charge/Reverse polarity |

Ordering Information

| | |
|-------------|--|
| ACTpro 1500 | Single door IP Controller |
| ACTpro 1520 | Single door IP Controller with PSU |
| ACTpro 100e | Single door station |
| ACTpro 120 | Single door station with PSU |
| ACTpro 101 | PCB only single door station |
| ACTpro 102 | PCB only two door station |
| ACTpro 200 | 2 door door station, built in 3amp PSU |

Product Comparisons

| | 1000 | 1500 /1520 | 2000 | 4000 | 4200 |
|-----------------------------|-----------|-------------|-----------|-------------|-------------|
| Doors | 1 | 1 | 2 | 2 | 4* |
| Network Doors | 1 max | 32 max | 16 max | 16 max | 16 max |
| Users | 10,000 | 15,000 | 20,000 | 60,000 | 30,000 |
| User Groups | 16 | 250 | 1,024 | 1,024 | 1,024 |
| Event Log | 500 | 5,000 | 5,000 | 5,000 | 5,000 |
| Anti passback | | ✓ | ✓* | ✓* | ✓* |
| Entry & Exit Reader Support | ✓ | ✓** | ✓ | ✓ | ✓ |
| Timed Actions | ✓ | ✓ | ✓ | ✓ | ✓ |
| Interlock | ✓ | ✓ | ✓ | ✓ | ✓ |
| User Tracking | | ✓ | ✓ | ✓ | ✓ |
| Visitor Cards | ✓ | ✓ | ✓ | ✓ | ✓ |
| Card only / Pin only | ✓ | ✓ | ✓ | ✓ | ✓ |
| Pin & Card | ✓ | ✓ | ✓ | ✓ | ✓ |
| Pin or Card | | ✓ | ✓ | ✓ | ✓ |
| Door Monitoring | ✓ | ✓ | ✓ | ✓ | ✓ |
| Fire Alarm Override | ✓ | ✓ | ✓ | ✓ | ✓ |
| Toggle Mode | ✓ | ✓ | ✓ | ✓ | ✓ |
| Door Relay Output | 5 amp | 5 amp | 5 amp | 5 amp | 5 amp |
| Auxiliary Relay Output | | 1 amp | 1 amp | 1 amp | 1 amp |
| Programmable Inputs | 2 | 2 | 2 | 2 | 2 |
| Programmable Outputs | 2 (100mA) | 2 (100mA) | 2 (100mA) | 2 (100mA) | 2 (100mA) |
| Tamper Input | ✓ | ✓ | ✓ | ✓ | ✓ |
| Ethernet Network Interface | | 100/10 Mbps | | 100/10 Mbps | 100/10 Mbps |
| USB | | ✓ | | ✓ | ✓ |
| Weight | 651g | 455g/ 2.4Kg | 687g | 800g | 5.88 Kg |
| DHCP/Static IP Add | | ✓ | | ✓ | ✓ |
| NetBIOS Name | | ✓ | | ✓ | ✓ |
| Voltage Monitoring | | ✓ | | ✓ | ✓ |
| Web server inside | | ✓ | | | |

* Global anti passback (anti passback across multiple controllers) is supported on the ACTpro 2000/4000/4200 connected via TCP / IP

** Maximum of 500mA

