

# 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

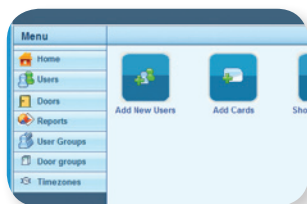
- TCP / IP - DHCP / Static IP addresses
- Built-in web server
- Break glass monitoring
- USB connection for ACTWin software
- Controls up to 32 doors
- Entry & exit reader standard
- Reader short circuit protection
- 15,000 users (2 credentials per user)
- 250 user groups
- Voltage monitoring
- Status 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

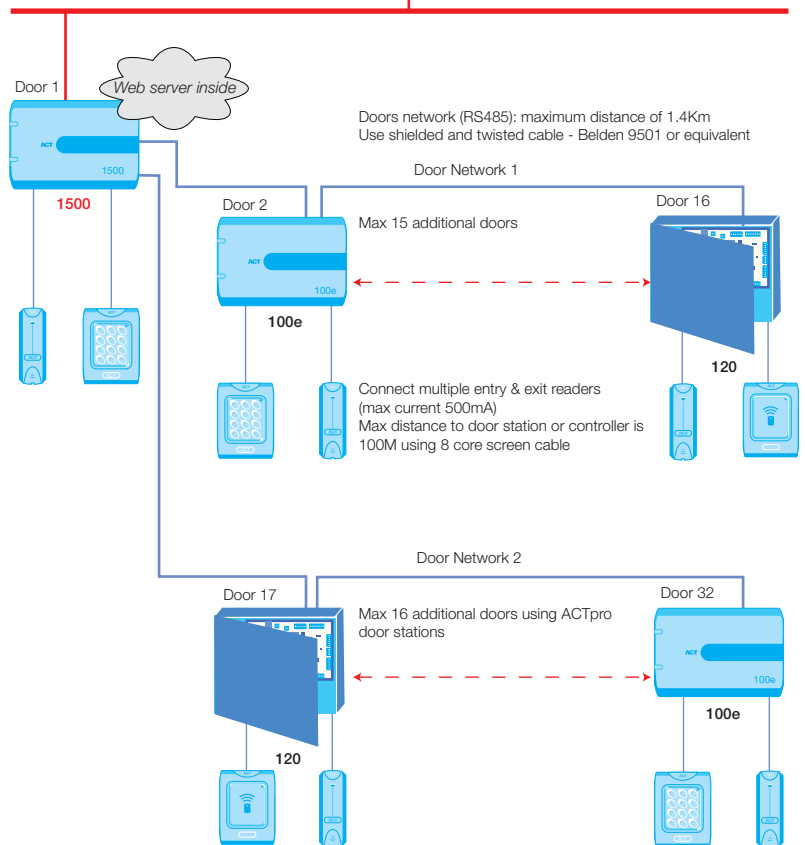


ACTpro 1500

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

