

PAC[®] 500 | Access and Alarm Server

Powerful, expandable and intelligent access control server

Overview

The Access and Alarm Server (PAC 500) is an expandable controller that provides sophisticated access and alarm management for businesses with single or multiple locations across the country and around the world. This proven solution supports countless number of access decisions, meshes multiple locations seamlessly, centralises management and provides industry-standard secure networking.

Embedded Microsoft Windows CE.Net and a powerful Intel Xscale processor ensure secure and high speed access to thousands of users, without the need to disable any features or functionality. IP-enabled, the PAC 500 provides the highest level of security possible, Secure Socket Communications and a built-in Firewall give 'data center grade' protection ensuring that each PAC 500 on the network carries the same level of security as traditional IT networking equipment inside or outside the corporate data center.

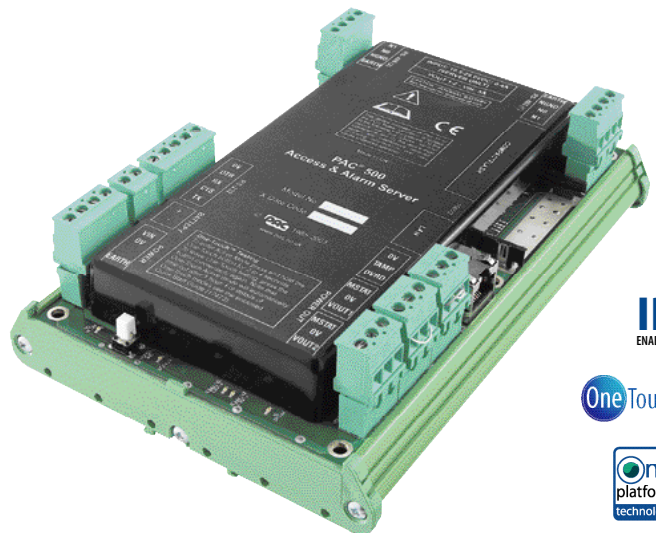
System downtime is costly, particularly in a highly secure environment. The PAC 500 overcomes this potential risk through the use of its Distributed Intelligent Controllers. Even when the main communication lines are lost, the security at your facility can still be maintained. The PAC 500 coordinates a wide variety of alarm, monitoring devices and elevators, with two separate RS-485 communication channels. It is capable of hosting and co-ordinating up to 48 local devices which can be connected for the control of access, monitoring input devices or controlling output devices.

Key Features

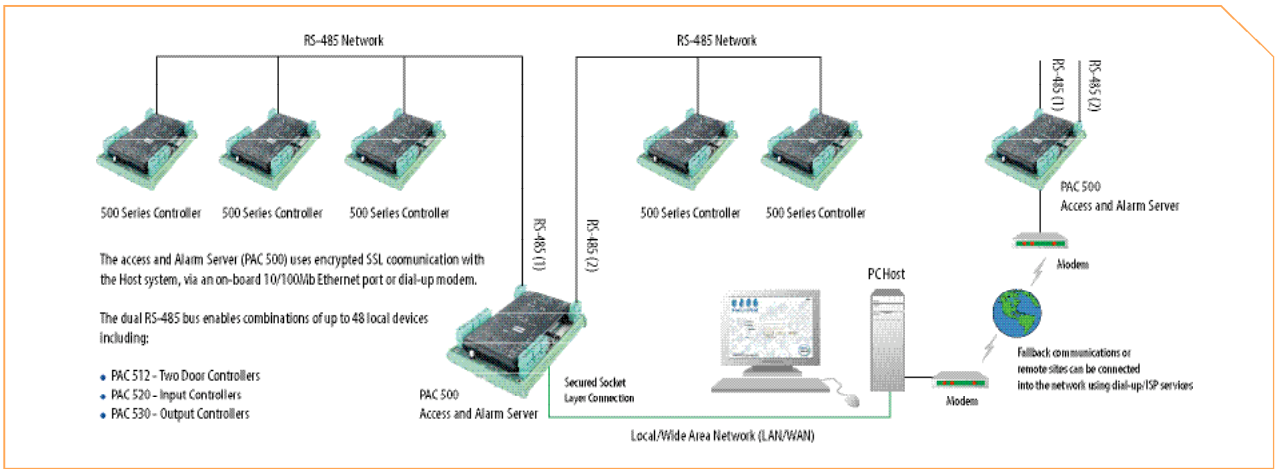
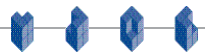
- 75,000 keyholders/cardholders
- Controls and communicates with up to 48 controllers
- 10/100Mbps Ethernet connection
- SSL (Secure Socket Layer) encrypted IP network communications
- Two fast RS-485 ports
- RS-232 port for modem connection
- Built-in firewall
- Unique One-Touch™ installation mode simplifies and speeds up system commissioning, without need for a PC or programming
- Dedicated Override and Tamper inputs
- Wide voltage operation, 12V or 24V
- One polyfused 5A auxiliary voltage output
- Back-up battery charging and monitoring
- Status LEDs confirms correct operation
- Intel 400MHz Xscale processor
- Microsoft Windows CE.Net operating system
- 64 Mbytes of RAM
- 32 Mbytes of flash memory
- Watchdog reset for maximum reliability
- Up to 100,000 stored events (with 20,000 keyholders/cardholders)
- Area Anti-Passback across all doors
- Mixed Distributed and Central Intelligence
- Easy in-field firmware upgrades
- Power supply status monitored and reported
- Advanced area management features
- Area alarm monitoring
- Event-to-action scenarios
- Local tamper input
- DIN-Rail mounting for ease of installation



Access and Alarm Server



Anything else is a compromise



Specifications

Dimensions/Weight:	H:125mm x W:180mm x D:60mm (H: 7.3"W: 5.1"D: 5.1") W: 0.4kg (14oz) nominal
Temperature/ Humidity:	Operating: -10°C to +55°C (14°F to +130°F) Storage: -25°C to +80°C (-13°F to +176°F) Humidity: 0 to 85% RHNC
Memory Size	96 Mbytes - 64 Mbytes RAM and 32 Mbytes flash memory
Memory Backup	32 Mbytes flash memory
Communication Ports	Ethernet (10/100 Mbps), RS-485 (57.6K bps), RS-232 (57.6K bps)
Wiring Requirements	RS-485 - CAT 5 up to 1000m, 3000ft total cable or 7/0.2mm, 24AWG alarm cable up to 500m, 1500ft total cable
	RS-232 - 7/0.2mm, 24 AWG up to 7.6m, 25ft maximum length
Module Power	10.5VDC @ 390mA to 28VDC @ 135mA
Warranty	5 Years
Regulatory Compliance	BS8030: 2001 "Providing Access Solutions for Disabled People"
	EN 50133 - Access control systems for use in security applications
	EN55022 Class B. EN50130-4.
	CE Certified. FCC - Part 15 Class B. Designed for UL1076 and UL294

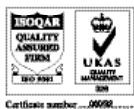
Ordering Information

20233	PAC 500 Access and Alarm Server - DIN Mount
10031	4 way lockable enclosure - with DIN rail
10032	6 way lockable enclosure - with DIN rail

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