



500 Access and Alarm Server

The PAC 500 Access and Alarm Server is PAC's most sophisticated access and alarm management system. Designed for businesses with single or multiple locations across the country, or around the world, the PAC 500 is a true powerhouse delivering reliability and consistency at its best.

This robust controller is embedded with Microsoft Windows CE.net and a powerful Intel Xscale processor to ensure a secure and high speed access to thousands of users, without the need to disable any features or functionality.

The PAC 500 manages a wide variety of alarm and monitoring devices. It is capable of hosting and coordinating up to 48 local devices, such as the PAC 512, PAC 520 or PAC 530 controllers which can be used to manage access doors, monitor input devices or to control output devices. This flexibility allows systems to be designed with the correct combination of features and functionality to fulfill the site's requirements.

Manage an entire access and alarm system with the powerful PAC 500 providing a fast and reliable connection, even during system downtime to ensure stable and seamless functioning.

As system downtime can be costly, particularly in a highly secure environment, the PAC 500 overcomes this potential risk with its Distributed Intelligent Controllers function. It ensures that even when the main communication lines are lost, the security at the facility can still be maintained. This proven solution supports a countless number of access decisions, meshes multiple locations seamlessly, centralises management and provides industry-standard, secure networking.

- Controls and communicates with up to 48 other 500-series controllers
- 10/100Mbps Ethernet connection
- Two fast RS-485 ports
- Up to 100,000 stored events (with 20,000 credentials)
- Control of Area Anti-Passback across all controlled doors
- Advanced Area management control
- Area Alarm Monitoring
- Control of Event-to-Action scenarios
- Power Supply Status monitoring and reporting
- Back-up battery charging and monitoring
- 15A Auxiliary Voltage output



Contact our dedicated customer services team on:

+44 (0) 161 406 3400

to find out how you can start benefiting from a tailored PAC security system that accommodates your business' requirements.

"Increasing the functionality of our PAC SecureNet system was simple. By adding the 500 we could quickly add extra functionality including monitoring our emergency exits to stop the staff from leaving them open."

Part Numbers:

20233 - PAC 500 Access and Alarm Server – DIN Mount

21056 - PAC 500 Access and Alarm Server - Boxed

Customer Support:

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PAC Access Control, 1 Park Gate Close, Bredbury, Stockport, Cheshire, SK6 2SZ

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PAC 500 Access and Alarm Server SPECIFICATIONS

Model	PAC 500 Access and Alarm Server
Part Numbers	<ul style="list-style-type: none">• 20233 - PAC 500 Access and Alarm Server – DIN Mount• 21056 - PAC 500 Access and Alarm Server - Boxed
Dimensions	<ul style="list-style-type: none">• DIN – H 125 x W 180 x D 60 (mm)• Boxed – H 355 x W 355 x D90 (mm)
Temperature	Operating - Interior Equipment: 10° to 55°C
Humidity	Operating for 24 hours: 0 to 85% RHNC
Supported Reader Protocol	No onboard reader connection
Supported Credential Format	No onboard reader connection
Number of Doors	No onboard reader connection
Reader Distance from Controller	No onboard reader connection
Controller Inputs	None
Controller Outputs	2 x 3.5Amp @12V DC or 2 x 1.75Amp @24vDC
Additional Connections	1 x RJ45 Ethernet 10/100Mb, 2 x RS-485, 1 x RS-232, 1 x Battery Connection, 1 x Tamper, 1 x Override
Configuration	PC based
Database	75,000 Credentials configured numerically
Event Storage	100,000 events based upon 20,000 credential database
External Configuration Options	PC-based, configuration only by SecureNet™ or EasiNet Residential™
Power Requirements	10.5V DC @390mA to 28V DC @135mA
Warranty	5 years against electronic failure
Compliance	CE, RoHS & WEEE Compliant

Ordering Information:

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