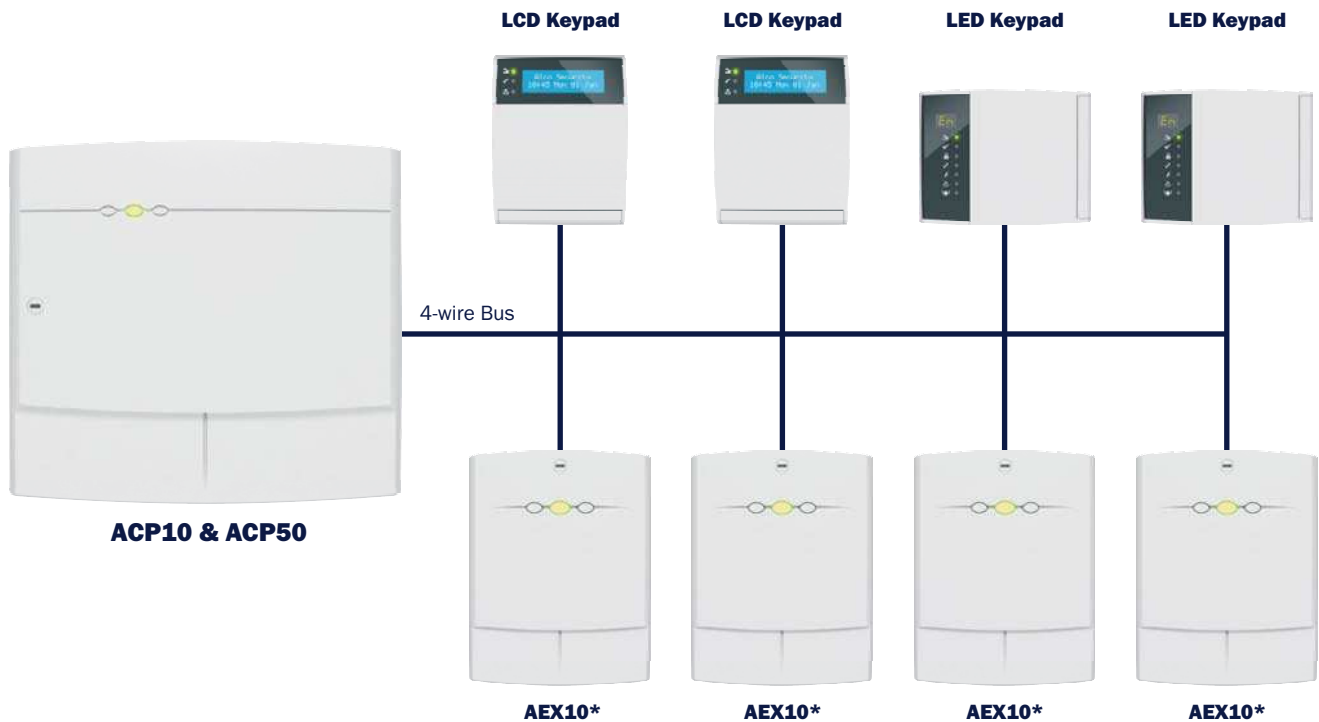




ACP10 & ACP50 Security Systems

System Configuration



* ACP50 Only

Control Panels

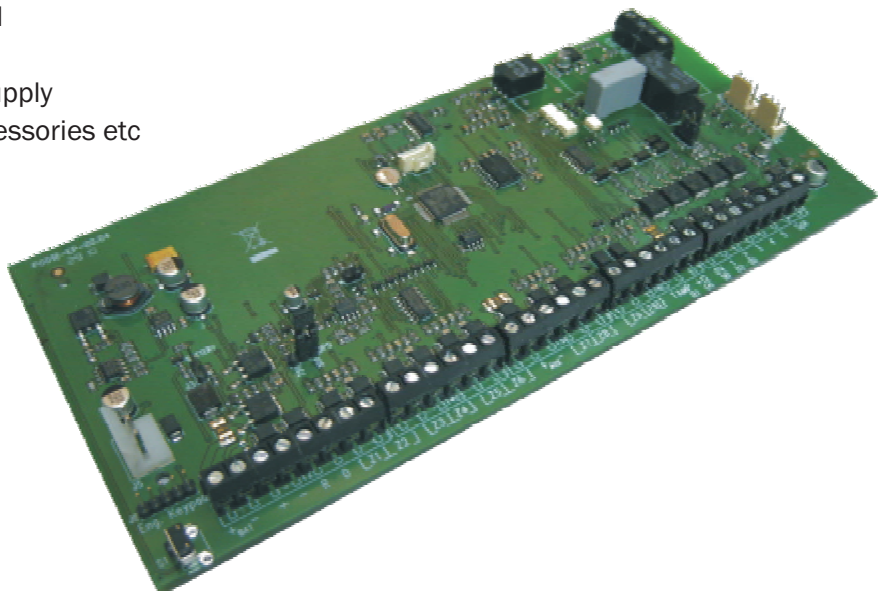
The ACP10 control panel is an advanced intruder alarm system with 10 on-board zones and on-board multi format communicator. The system is ideally suited to domestic installations.

For larger application the ACP50 can be expanded to 50 zones using the 10 zone expansion modules (AEX10). The system supports 5 partitions that can be used for multi-area and multi-tenant applications.

The ACP50 also supports a 4 channel speech dialler and voice prompts which can be recorded via a touch tone telephone or by using the AlcoUDL software.

Both systems support either LCD or LED remote keypads. Other features include:

- 10 programmable on-board zones
- 5 programmable outputs (1Amp rated)
- On-board communicator/modem
- Local or remote upload/download
- Advanced system diagnostics
- 1.5 Amp switched mode power supply
- Two communication ports for accessories etc
- Loudspeaker output
- Selectable battery charging rate
- Real time clock
- Two-wire smoke detector support
- Flash upgradable



Remote Keypads and Expanders



LED (7 Segment) Remote Keypad

The LED keypad features a dual 7 segment display for displaying zone status and system fault messages. A set of dedicated system status LEDs for AC, Ready, Armed, Trouble, Bypass, Alert and Alarm are also provided. Other features include:

- 4-wire connection using standard 4-core alarm cable
- Internal sounder
- Backlit keyboard

LCD (40 Character) Remote Keypad

The LCD keypad features a 2 x 20 character blue display for showing all zone status and system fault messages. A set of dedicated system status LEDs for AC, Trouble and Alert are also provided. Other features include:

- 4-wire connection using standard 4-core alarm cable
- Internal sounder
- Backlit keyboard



AEX10 Zone Expansion Module

The AEX10 is connected to the control panel bus and provides 10 programmable zone inputs and 10 programmable outputs. Other features include:

- 4-wire connection using standard 4-core alarm cable
- Internal sounder
- External loudspeaker connection, with programmable volume
- Engineer keypad port



Upload/Download

AlcoUDL Upload/Download Software

This Windows based software can be used to remotely or locally program and diagnose the Alco range of security systems. Features include:

- Simple intuitive user interface
- Local or remote via modem
- Advanced system diagnostics
- System audit trail
- Remote servicing



Specifications

	ACP10	ACP50
On-board zones	10	
Expandable to	Fixed 10 at zones	50
Zone wiring	Programmable per zone	
Outputs	5 - fully programmable and supervised, switched -ve @1 Amp	
Part-Sets	3	
Partitions	1	5
Number of keypads	4	6
Number of Expanders	0	4
Number of users	10	50
Event log	250	500
Power supply	1.5 Amp SMPS	
Standby battery	7 Ah	
EN 50131-1 grade	2	
On-board Communicator	Yes	
Speech dialler	4 Channels	8 Channels
Voice prompts	10	15
Upload/Download	Remote & Local	
Multi-Language Support	No	Yes
Dimensions (W x H x D)	280 x 255 x 95mm	
Weight	975g	
Environmental Class	2	
LED Remote Keypad		
Display	Dual 7 segment green LED	
Dedicated Status LEDs	Green: Power, Ready, Armed; Yellow: Trouble, Bypass; Red: Alert, Alarm	
Dimensions (W x H x D)	130 x 102 x 27mm	
Weight	190g	
Environmental Class	2	
LCD Remote Keypad		
Display	2 x 20 white characters on Blue LCD	
Dedicated Status LEDs	Green: Power; Yellow: Trouble; Red: Alert	
Dimensions (W x H x D)	102 x 130 x 27mm	
Weight	200g	
Environmental Class	2	
AEX10 Zone Expander		
Zone inputs	10 - fully programmable	
Outputs	10 - fully programmable, switched -ve @100mA	
Sounder	Internal piezo and external loudspeaker connections	
Dimensions (W x H x D)	136 x 174 x 36mm	
Weight	230g	
Environmental Class	2	

IR100 and IR200 PIR Detectors

Alcosec's state of the art *IR100* and *IR200* PIR detectors have been designed to comply with EN 50131-2-2 Grade 2. Featuring superior electronics and leading edge design, the *IR100* and *IR200* detectors are designed to satisfy both the most discerning of end users and the most demanding of installers. The *IR100* detector has been designed for superior reliability and performance in cost sensitive domestic installations whereas the *IR200* detector includes additional features to aid installation and give added flexibility.



Features

15m Adjustable Range
Temperature Compensation
Digital Pulse Count
Sealed Optics
Adjustable Mounting Height
High RF Immunity

Tamper-proof Mounting Bracket *
Remote LED Diable *
Selectable Alarm/EOL Resistors *
EN 50131-1: Grade 2, Class II
EN 50131-2-2: Grade 2, Class II
* *IR200* Only

VS1 Vibration Sensor

Alcosec's VS1 intelligent perimeter protection devices provide exceptional performance, allowing detection of intruders prior to entry of the protected area, thereby providing the ideal solution for confirmed alarm systems.



Features

Digital Vibration Detector
Fully Adjustable Sensitivity
Tri-Colour Detection LED
LED Disable Input
Gross Attack Indication

EN 50131-1 Grade 3
Microprocessor Technology
Comfort LED Indication
Digital Signal Processing
Selectable Latching / Non-Latching

ES100 and ES200 External Sounders

Alcosec's external sounders have been designed with an exceptional array of features to meet the requirements of the most challenging installations. With genuine *EN 50131-4 Grade 3*, a rugged polycarbonate construction, choice of single or twin Piezo Sounders and IP65 sealed electronics, Alcosec sounders are the sounders of choice for the most discerning professional installers.



Not available in the UK

Features

Single & Twin* Piezo Sounders
Local and Remote Test
Screw*, Lid and Wall Tamper
IP65 Sealed Electronics
Polycarbonate Construction
Maximum Strobe Visibility
109/115db* Volume

* ES200 Only

True EN 50131-4 Grade 3
Selectable SAB/SCB Mode
Microprocessor Technology
Low Current Mode
Twin Alternating LEDs
Pre-alarm Engineer Warning
Engineer Hold-off Mode