

Sentinel 4+ Door Entry System

AST
LTD

AST have developed the Sentinel 4+ Door Entry System over a number of years to meet the challenging and often unique requirements of high density and social housing applications. This system is well proven in the field and is renowned as a robust and reliable system for many of the most harshest environments.

The Sentinel 4+ Door Entry solution is a microprocessor controlled system available as a functional (button per flat) or digital (dial flat number) unit which can be either flush or surface mounted. All units have a LCD display to indicate that a call has been made, answered and door released.

Sentinel 4 Key Features

- Trades Button, admit certain callers at restricted times
- Over 1000 phones/ apartment stations managed on a single system
- Up to 8 digit user programmable access codes available on all panels
- Handset privacy function
- Built in CCTV camera/ proximity reader on panel
- Intelligent line isolation option, disconnects if a fault is detected and reconnects after rectification
- 'Mix and Match' entry phones (audio and video)
- Sentinel 4+ Junior Single button call panel can be integrated, ideal for Flat Entrance door so that same handset can be used that controls Communal Entrance doors.
- Private Speech and Lock Release facility
- Meets and Exceeds local authority performance requirements



Added Security Technology (London) Ltd

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VAT Registration No. 881378980 Registered in England No. 05762762 Directors P. Hornsby P. Sullivan

Sentinel 4+ Digital Display Panel

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Digital Display key features



- Built in CCTV camera/ proximity reader on panel
- Robust, vandal resistant, stainless steel panel facia
- High quality audio
- All panels can detect whether the Entryphone is switched on or off
- The method of making a call depends on whether the system is 'functional' or 'digital'.
- **Functional** - Simply press the button engraved with the required flat number. The call is immediately initiated and a ringing tone will be heard.
- **Digital** - The required number is entered digit by digit and the display shows the number as it builds up. To enter a letter in the number (i.e. 29C) press the 'alpha' button until the required letter is displayed.
- Meets and Exceeds local authority performance requirements



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Sentinel 4 + Video Entryphone

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As part of the Sentinel 4+ Door Entry System, this elegantly styled Video Entry Phone incorporates a 100mm LCD Monochrome Video Monitor and offers the following features:

- Electronic Call Tone
- Fully Private Operation
- Impact resistant plastic moulding
- Full, clean duplex speech
- Door Monitor LED (Green)
- Privacy Mode LED (Red)
- Timed Privacy Facility (Half to sixteen hours)
- Outputs for extension beacons or Sounders



DIMENSIONS

H X W X D

210 X 180 X 65
ALL DIMENSIONS IN MM.



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Sentinel 4+ Audio Entryphone

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As part of the Sentinel 4+ Door Entry System, this elegantly styled Audio Entry Phone offers the following features:

- Electronic Call Tone
- Fully Private Operation
- Impact resistant plastic moulding
- Full, clear duplex speech
- Door Monitor LED (Green)
- Privacy Mode LED (Red)
- Timed Privacy Facility (Half to sixteen hours)
- Screw terminal outputs for extension beacons or Sounders
- Operates on a common 4 wire bus, ideal for system upgrades
- Clear instruction are provided with all phones on installation

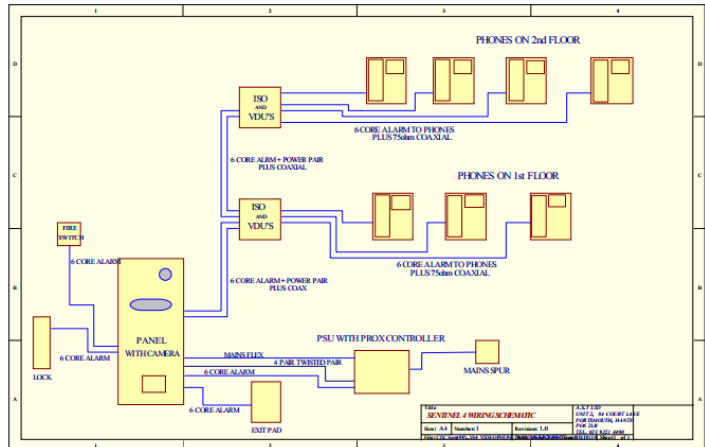


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Sentinel 4+ Isolation Cards

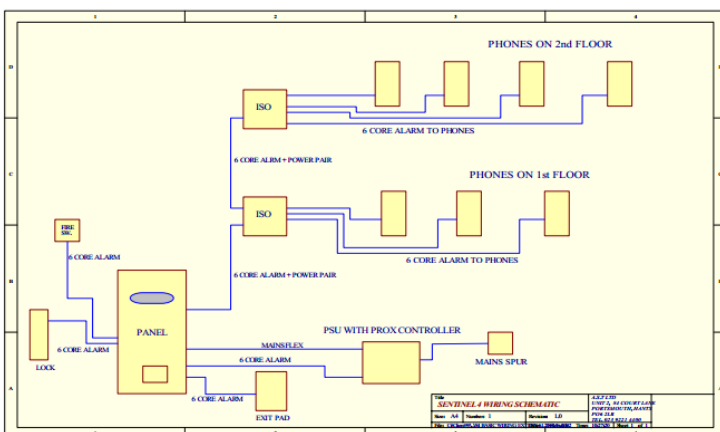
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As part of the Sentinel 4+ Door Entry System, the optional line isolation cards are fitted between the panels and the phones. Each card will operate up to 8 phones. The cards may be fitted in any convenient location, either in a central location or distributed throughout the system. The cards continuously monitor each phone for faults. If a fault is identified then the responsible phone is disconnected and a red LED on the card will illuminate to show that there is a problem on one of its outputs. Should the fault clear then that phone is automatically re-connected. Also the 12V to each phone is supplied via resettable fuses.



The cards have the following connections :-

- Up to Eight, 4 way IDC blocks for the connections to the phones.
- A six terminal block 'LOOP IN' for the connections from the door panel(s). The required signals from the panels are :- 0V, 12V, Up, Down, Busy and DOI. (The DOI connection is only required on systems with phones fitted with the door open indicator option.)



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AST i-Prox

Product overview

AST i-PROX is an integrated solution, enabling efficient management of;

- **Door Entry Systems**
- **Access Control Solutions**
- **Advanced Key Safe Solutions**
- **Electronic Communal Entrance Notice Boards**



AST i-Prox can be integrated with existing systems or used as stand alone solution. AST i-Prox solutions can be managed in one of two ways.

Read/Write Communication

Information can be updated on the 'site controller' by pre-programming keyfobs/ remotes to work as new or replacement fobs/ remotes. This solution is suitable for use with;

- Access Control Key Fobs
- Access Control RF Remote Transmitters

3G GSM Communication

Using 3G Communication, information can be efficiently managed across multiple sites. Updates can be made instantaneously via a single internet based portal, which can be managed on your behalf by AST Ltd, and numerous activity/access logs are available for download. This solution is suitable for use with;

- Door Entry Systems
- Access Control Solutions
- Key safe Products
- Electronic Notice Boards



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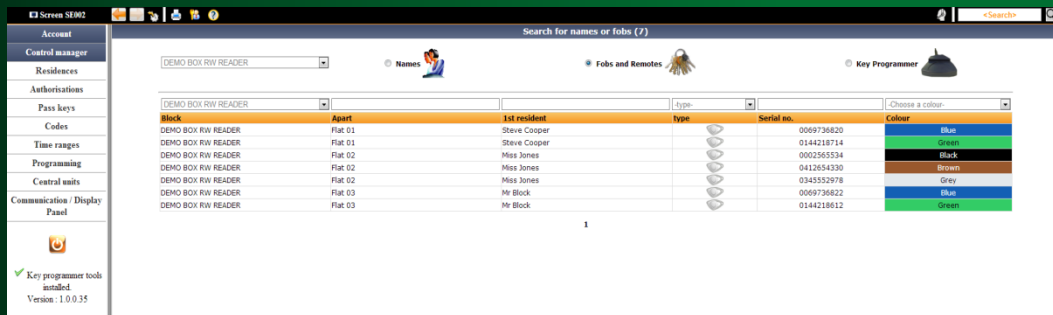
AST i-Prox

Product overview

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Below are examples of the AST i-Prox product range. All solutions can be tailored to meet individual application requirements.

Manage all solutions from single Internet Based Portal



Telephone Based Door Entry Panels



Digital Notice Boards



Access Control



Intelligent Key Safe



RF Remote Transmitters



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