

Built In Web Browser Interface

New Zealand Designed & Manufactured

5 Year **Warranty**

3 - Functions & Features

4 - Applications

5 - Keypads

6 - Access Control

7 - Smartphone App

8 - Web Browser

9 - Web Browser

10 - Hardware



- 64 Inputs
- 32 Outputs
- 32 Areas
- 32 Keypads
- 32 Time Schedules
- 32 Holidays
- 2000 Users
- 10,000 Events
- Built in IP For Programming, Review & Control
- 4G Plug In Cell Module (coming soon)
- Integrated Smartphone App (coming soon)

Meticulously developed with the future in mind

The ESX control panel is a feature-rich platform, integrating security, access control & automation into one complete system. Simple installation, programming and operation to suit demanding domestic or small to medium commercial applications

On Board Ethernet

Built in IP allows monitoring, review and control without any third party equipment. The same Ethernet port can be used for programming via web browser through a network switch, or direct connection with your PC or MAC

See pages 8 & 9 for more information

Access Control

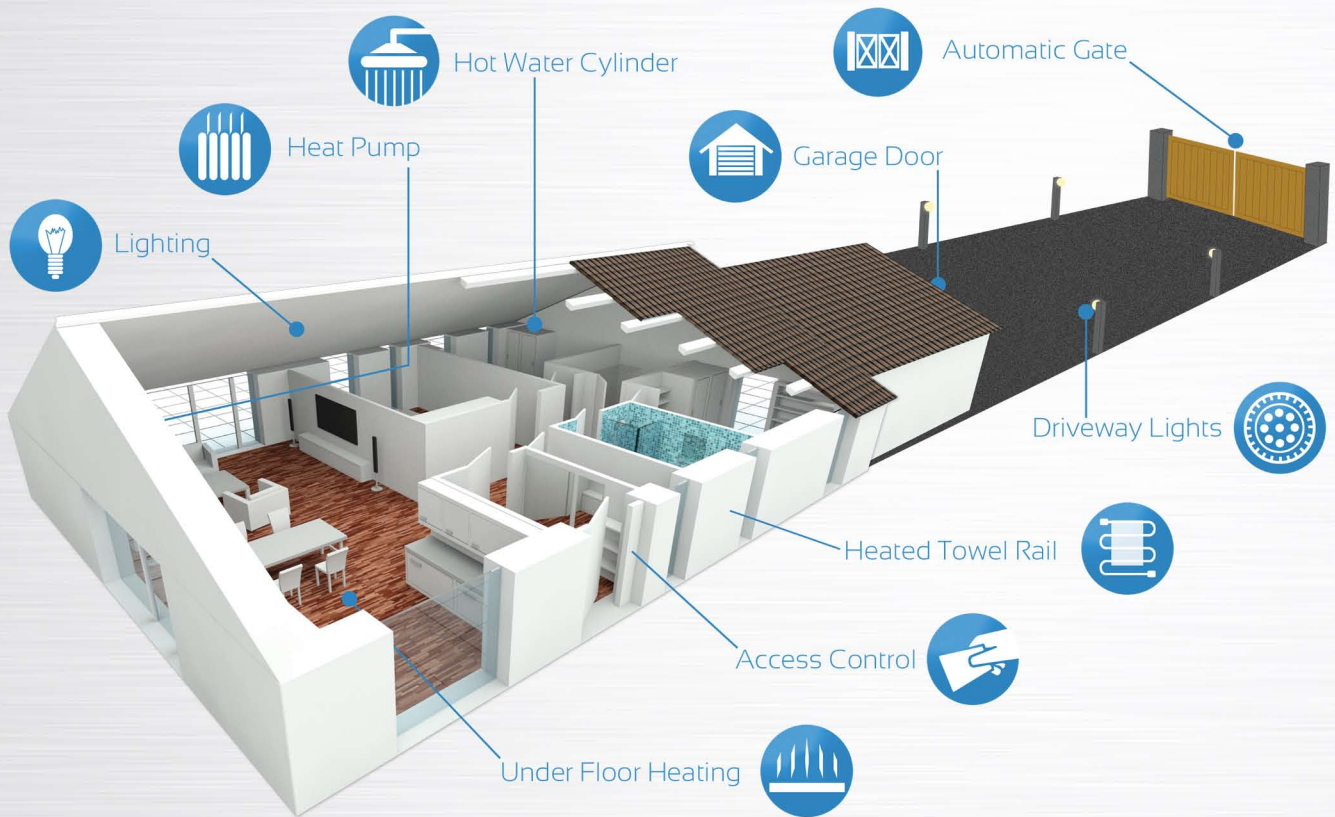
ESX access control includes key code, proximity tag, wireless pendant, biometric, schedules, fire drop & more. These functions can be specifically customised to allow or restrict user functions. These include Installer, manager, staff & group tiers to cover a wide variety of access permissions.

See page 6 for more information













Control

The ESX security & control system comes default with 4 outputs & can be expanded to 32 by adding multiple 'ESX-O4' output expanders. These outputs can not only be used for sirens but also configured to control your home or premises as detailed below:



Security

Each of the 64 zone inputs are individually programmable to suit the detection device you require. Functions include PIR sensors, smoke detection, flood detection, glass break sensors, fire drop, request to exit, status monitoring & more

- | | | | | |
|--|---|--|---|---|
| 
Arm/Disarm | 
Stay In Arm/Disarm | 
Indoor Sensor | 
Outdoor Sensor | 
Smoke Sensor |
| 
Door Sensor | 
Glass Break Sensor | 
Window Sensor | 
Garage Door Sensor | 
Heat Sensor |

Touch Screen

Traditional keypads can often be difficult on larger systems, so we have developed the 'KP-TOUCH' with the installer & end user in mind. This intuitive touch screen allows seamless control of the ESX system without guidance. The 'KP-TOUCH' incorporates our built in intuitive interface for simple programming without the use of an installation manual



KP-TOUCH-W

KP-TOUCH-B

LCD Keypad

Our full English text LCD keypad is the ideal cost effective solution for your home or premises. Performance is the same as the touch screen keypad with the exception of the intuitive menu. This makes it perfect for those rugged industrial sites

Available in two models:

ESX-KPI - Full English text LCD keypad

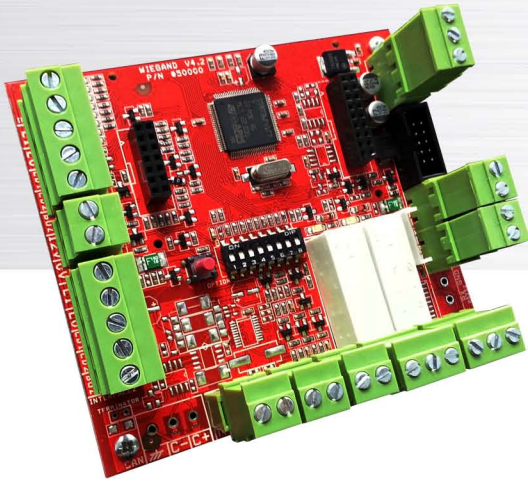
ESX-KPI-P - Full English text LCD keypad with in built proximity reader



Keypad/Readers

The ESX supports up to 32 reader/keypad devices with the addition of our 'WIEGAND-IF2' access control module. The 'WIEGAND-IF2' is a two door controller, each containing 2 outputs, 2 zone inputs, tamper & facility for 2 reader/keypads

WIEGAND-IF2



PW WIEGAND



PW WIEGAND-SKI



Schedules

Up to 32 schedules can be applied to allow or restrict operation for users & outputs. Schedules can be utilised in conjunction with user restrictions to create 'manager level access control'. I.e. A door could unlock at 6am and lock at 6pm, yet stay locked to anyone but staff until the manager arrives

Zones & Access Control

Any of the 64 zones can be programmed to send to monitoring if a door has been left open too long. Global fire egress zones will unlock pre defined access controlled doors in the event of a fire

Users

Access users can consist of codes, proximity tags, radio pendants or biometric devices. There is facility for up to 2000 users on the ESX system. These users can be a mixture of the different access options detailed above. Restrictions include start time - end time, usage count & group restrictions

Activity/History

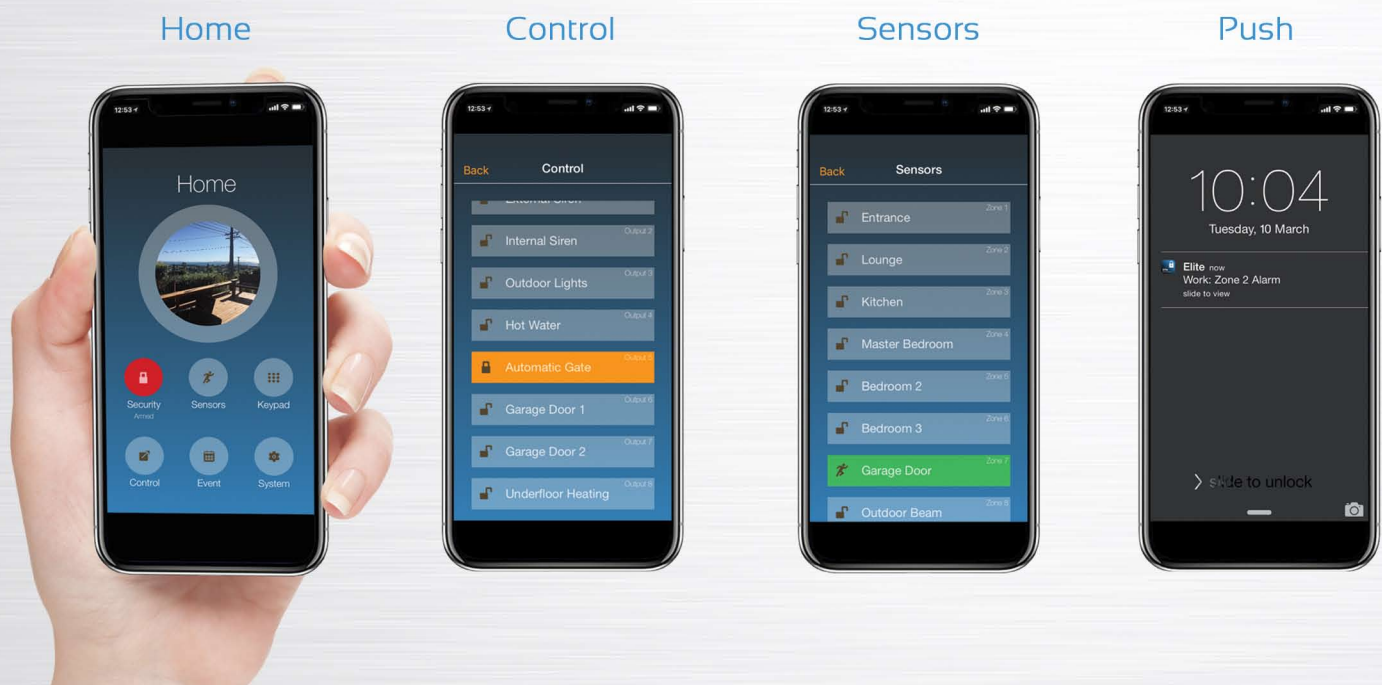
Store over 10,000 history events with time/date stamp including, user, zone, output, tamper and keypad information

Proprietary App Coming Soon To ESX

Let your smartphone do the work with Intelligent features such as displaying when your windows & doors are left open, stay arming your garage from the comfort of your bedroom or opening your garage door to let the courier deliver a package

Sensor activations are sent directly to your smartphone in the form of push notifications. These can be utilised alone or in conjunction with a monitoring station for guard response. Push notifications also include mains power failure/restore, battery failure/restore, panic, fire, medical & tamper alarms

The ESX Elite Control app will also be capable of controlling multiple security systems & synchronising multiple smartphones to one security system



Functionality

Control up to 32 functions, view up to 64 sensors in real time & arm/disarm up to 32 areas on site or remotely from your smartphone

History

Review the last 16 functions your ESX system performed using the 'Event' icon

Programming & Management

The ESX control panel comes standard with a built in Ethernet port for web browser programming, review & control. This can be utilised on site or remotely, serving as a useful tool for site management, fault finding and programming

The screenshot shows a web browser window with the URL 10.254.0.226/user.htm?v=162. The page title is 'Elite-SX' and it includes navigation links for Status, Activity, and Settings, along with a Logout button. The main content area is titled 'User edit' and features a 'User number' input field set to '1' with 'Read', 'Save', 'Prev', and 'Next' buttons. Below this is a form for user details: Name (John Smith), Type (kbandntag), Pin (123456), and Tag (0213181291). A 'top' link is provided. The next section is 'Areas this user can control (Location P1003E)', which is a table with four rows (Area 1-4) and a checkbox column, all of which are checked. A grey banner below this section reads: 'Assign a name, user code, tag number and area permission for up to 2000 users'. The following section is 'Access Options (Location P1004E)', a table with seven rows (Away arm, Stay arm, Away disarm, Stay disarm, Guard, Juvenile, Can view) and a checkbox column, with the first four checked and the last three unchecked. Another 'top' link is present. The next section is 'Privelage Options (Location P1005E)', a table with five rows (Edit own PIN, Edit others PIN, Edit all, Edit phone, Change time/date) and a checkbox column, all of which are checked. A grey banner below this section reads: 'Adjust user arm/disarm & flexibility for up to 2000 users'. The final section is 'User Schedules (Location P1009E)', a table with five rows (Schedule 1-5) and a checkbox column, all of which are unchecked. A grey banner at the bottom of the page reads: 'Select permissions or restrictions for up to 2000 users between selected time periods'.

Elite-SX Status Activity Settings Logout

User edit

User number:

Devices this user can use (Location P1010E)

Device 1	<input checked="" type="checkbox"/>
Device 2	<input checked="" type="checkbox"/>
Device 3	<input checked="" type="checkbox"/>
Device 4	<input checked="" type="checkbox"/>
Device 5	<input checked="" type="checkbox"/>
Device 6	<input checked="" type="checkbox"/>

Assign up to 2000 users to selected doors, gates, lights & more

Outputs this user can turn on (Location P1013E)

Output 1	<input type="checkbox"/>
Output 2	<input type="checkbox"/>
Output 3	<input type="checkbox"/>
Output 4	<input type="checkbox"/>
Output 5	<input type="checkbox"/>
Output 6	<input type="checkbox"/>
Output 7	<input type="checkbox"/>
Output 8	<input type="checkbox"/>
Output 9	<input type="checkbox"/>
Output 10	<input type="checkbox"/>

Users can be assigned to only be able to turn a device on

Outputs this user can turn off (Location P1014E)

Output 1	<input type="checkbox"/>
Output 2	<input type="checkbox"/>
Output 3	<input type="checkbox"/>
Output 4	<input type="checkbox"/>
Output 5	<input type="checkbox"/>
Output 6	<input type="checkbox"/>
Output 7	<input type="checkbox"/>

Users can be assigned to only be able to turn a device off

Limited usage options

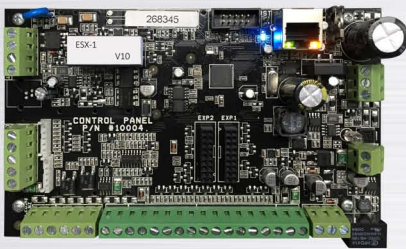
Usage counter (Location P1025E 1-255, 255=disabled)	<input type="text" value="255"/>
Start date (YYYY-MM-DD Location P1026E)	<input type="text" value="2016-02-14"/>
End date (YYYY-MM-DD Location P1027E)	<input type="text" value="2016-02-18"/>
Start time (HH:MM, Location P1028E)	<input type="text" value="07:00"/>
Stop time (HH:MM, Location P1029E)	<input type="text" value="17:30"/>

Restrict user device control to certain dates, hours & even usages

Client Management

This built in web browser is the perfect tool for client user management. End users can add/delete users, assign users to doors, review history and more, providing they are on the same network as the ESX. Port forwarding will allow the same functionality remotely

ESX-1



Control Panel

ESX-04



4CH Output Expander

ESX-Z8



8CH Input Expander

ESX READER USB



USB Prox Tag Reader

ESX-PSU2



Monitored 1.4A Power Supply

WIEGAND-IF2



2 Door Access Expander

KP-TOUCH-W



Touch Screen Keypad

ESX-KPI



Full LCD Keypad

IP-MODULE



One Control App Upgrade
(ESX app coming soon)