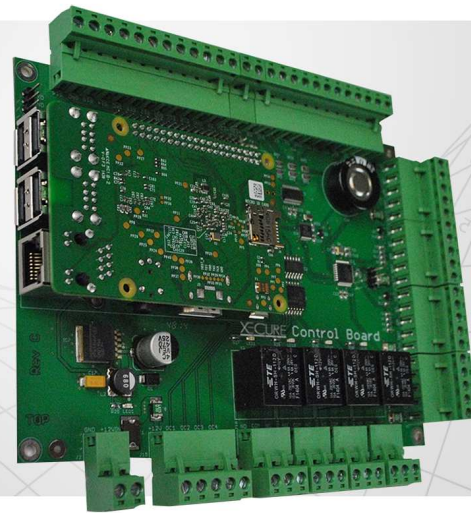


# XECURE SX INTEGRATED SYSTEM CONTROLLER

The Xecure SX Integrated System Controller is the central processing unit responsible for the control of security, access control and automation in the Xecure SX integrated system, an advanced echnology security product providing seamless and powerful integration of access, security and building automation.



## Programmable Functions

Programmable functions allow for the use of special applications that are configured by the controller for logic, area, door and many other controllable devices:

Perform actions when a particular event or operation occurs such as setting the room temperature based on the number of people in an area, adjusting the internal lighting levels based on a sensor reading, or unlocking doors in the event of a fire alarm

Process logic functions to allow complex equations to be evaluated using the special internal memory registers and output status

Control of doors, areas, and outputs can be easily programmed and managed

## Connectivity and System Expansion

16 onboard zone inputs can each be programmed to require EOL (End Of Line), or direct contact  
 4 OC Outputs  
 4 integrated Wiegand reader ports  
 System expansion is achieved by connecting additional Xecure SX modules as 'Slave' Panels.

## Communication

RS-485 communication interface, USB Interface, and a 10/100 Ethernet communications port provides a complete solution for system expansion, offsite monitoring, system communication and integration.

## IP Reporting Services

The controller incorporates a host of communication options. Send IP based reporting protocols using the onboard Ethernet port. Communicate with third party applications using ASCII or HEX directly from the controller.

Ethernet 10/100 Connection Onboard Ethernet communication allowing direct connection from a PC, Tablet or Mobile via WEB, and interconnection to an existing LAN/WAN:

Directly connect the Xecure SX system across a LAN or WAN interface for high speed upload and download.

IP reporting functionality using the IP Reporting protocol.

Full 10/100 compliant network interface allows the connection of the controller to all networks at the maximum capable signaling rate.

## Integrated Arming/Disarming

Featuring advanced integration of arming and disarming solutions: Deny access to a user based on the status of the area and the ability for the user to control the area they are entering in turn reducing false alarms.

## Integrated Access Control

Providing a highly sophisticated access control solution with large user capacity and extensive features:

Utilize multiple access levels to manage users over scheduled periods and time zones.

Assign doors, areas, and floors to a user profile for flexible user management.

Multiple card presentation options allow the use of access control cards, tags or other credentials to arm and disarm areas associated with doors.

## Automation Functions

Automation points allow for the management of any controllable device such as lighting, air conditioning and signage. Link automation points to programmable functions to provide sophisticated control logic at the selection of an automation point. Text names can be set for automation points allowing a scrollable list of controllable items in the system such as Office A/C or Outside Lights.

## TECHNICAL SPECIFICATIONS

|                            |  |
|----------------------------|--|
| Operating Voltage          | 12VDC 2A (min) via Transformer   |
| Operating DC Input Current | 5A Max @ 12VDC   |
| 4 x Relay Outputs          | 10a @ 120VDC MAX   |
| Communication (Ethernet)   | 1 10/100Mbps Ethernet Communication Link   |
| Communication (Serial)     | 4 x USB Interface Port   |
| Readers (Standard Mode)    | 4 Wiegand or clock data readers  |
| Zone Inputs (System Zones) | 16 High Security Monitored Zone Inputs   |
| Tamper Input               | Selectable Hardware Tamper Input   |
| OC Outputs                 | 4 x 50mA (Max) Open Collector Output for reader LED and beeper or general functions. |
| Status Output              | 150mA (Max) Open Collector Output  |
| Operating Temperature      | 0 to 49C (32 to 122 F)   |
| Storage Temperature        | -10 to 85C (14 to 185 F)   |
| Humidity                   | 0% to 93% non-condensing, indoor use only (Relative Humidity)                        |
| Dimensions (L x W x H)     | 234 x 183 x 35mm (9.21 x 7.20 x 1.37")   |
| Weight                     | 376g   |