

InfuseboX

eKey Module v1.00

Information	
Simple Windows Name	InfuseboX eKey v1.00
Category	Biometric Finger Scanner
Summary	This module is designed to recognize and/or record finger swipes from ekeyUSA biometric scanner through an Ethernet connection using UDP/IP.
Supported Processors	2-Series Crestron Processors
Communication	UDP/IP
SIMPL+ Modules Used	1. eKey Decoder
STARTUP PROCEDURE	The S+ module will wait approx. 15 seconds before trying to read/create the eKey log file.

Input: Digital	
Suspend_Emails	While held high no emails containing the log attachment will be sent.
Send_Email	When signal goes high an email containing an attached eKey log is sent along with a list of defined users.
View_Log_Up	When signal goes high the log will shift up by one swipe. If the signal is held for more than 1 second the log will shift up by 10 swipes a second until signal goes low.
View_Log_Down	When signal goes high the log will shift down by one swipe. If the signal is held for

	more than 1 second the log will shift down by 10 swipes a second until signal goes low.
--	---

Input: Serial	
From_eKey\$	Input Received from eKey via UDP/IP

Output: Serial	
User_Last_Swiped	Displays the last user to successfully swipe a finger
Time_Last_Swiped	Displays the time the last user successfully swiped a finger.
Date_Last_Swiped	Displays the date the last user successfully swiped a finger.
Log_Out_[1-10]	<p>Display log to screen of successful swipes recorded to either Compact Flash or NVRAM.</p> <p>Output example: “Steve swiped finger 1 at 12:31:21 on 12/28/07”</p> <p>To scroll up and down through log use digital signals View_Log_Up and View_Log_Down</p>

Output: Analog

<p>User_Authenticated_[1-99]</p>	<p>Value is changed twice for every successful swipe. The analog value will first change to 99d to clear any previous swipes for that user. This is to allow Analog Equates to reevaluate the analog value after every successful swipe.</p> <p>The next number is the finger recognized by the eKey biometric scanner.</p> <p>The following values are used for each finger:</p> <p>0d = User Finger 1 Successfully swiped 1d = User Finger 2 Successfully swiped 2d = User Finger 3 Successfully swiped 3d = User Finger 4 Successfully swiped 4d = User Finger 5 Successfully swiped 5d = User Finger 6 Successfully swiped 6d = User Finger 7 Successfully swiped 7d = User Finger 8 Successfully swiped 8d = User Finger 9 Successfully swiped 9d = User Finger 10 Successfully swiped</p>
---	--

Parameters

<p>Instance ID</p>	<p>Each instance of the InfuseboX eKey Module must have its own instance ID. (i.e. 1d, 2d, 3d, 4d etc) . This can be a number of your choosing.</p>
<p>Save Location</p>	<p>Three options where logging can be saved:</p> <ol style="list-style-type: none"> 1. Compact Flash 2. NVRAM 3. NO LOGGING
<p>Max Stored Swiped</p>	<p>When this number is reached the module will email an attached log file then delete the log file stored in either NVRAM or Compact Flash. Each swipe contains 27 bytes of information.</p>

Email Send Frequency	Sent every (1 to 30 days) or choose not to send ever
Email Sender Server	This is the address of the mail server. Example: mail.yahoo.com
Email Sender User Logon Name	User name used to logon to the mail server
Email Sender User Logon Password	User password used to logon to the mail server
Email From	Address of email that is being used to send eKey swipe log.
Email To	Email address that will receive the swipe log
Email CC	The CC emails that will receive the swipe log
Email Subject	The subject that will be displayed in the email
User Name[1-99]	Names of users that will be displayed in log file.

For support contact Support@infusebox.com

MODIFICATIONS:

License Agreement

Definitions

In this license document “you” are the person agreeing to this license agreement. The term “software” refers to any and all files provided as a part of a project for use with Crestron hardware including, but not limited to: all automation processors, all network and ethernet devices, all wired and/or wireless touchpanels, as well as any future hardware that may support the use of these files. Included in this software, more specifically, is “Original Software Source Code”, which refers to original source code identified as Infusebox’s code.

Software Purpose and Authorized Use

The aim of this software is merely to improve convenience for the system user by allowing a Crestron automation system to remotely control an HAI security system’s arm and disarm and status-report functions. We are not involved in looking after a user’s or their guests’ safety.

We provide the Original Software Source Code in module form to be added to your specific project code, doing so solely as necessary to program the system in order to maintain such convenience for the user.

Disclaimer of Warranties

This license is granted only “as is” with all faults. You bear any risk relating to the software quality and performance. We provide the software without warranty, either expressed, implied, or for merchantability, for fitness, or as to any particular purpose. We do not represent or warrant that the software is free from defects or bugs or that it or any program to be derived from it will operate without interruption. All risk as to the software quality and performance is with you. If the software proves to have defects, you and not we assume the cost of any necessary service or repair.

Liability Limitations

We shall not be liable to pay any consequential, incidental or indirect damages resulting for any defect in the software or to “cover” (buy a replacement) or be liable because of inadequate fire or intruder alarms or inadequate access to emergency services, or concerning any claim made by a third party. This applies even if we have reason to know such damages are possible.

HAI Security Module v1.01

©2007 Infuse, Inc. All Rights Reserved

Modification of Software

In no event will Infuse, Inc be liable for direct, indirect, incidental or consequential damages resulting from you editing the software in any manner. Except for connecting the Original Software Source Code to your project source code and using such code as expressly authorized above, you may not modify or compile the software in whole or part. You may not reverse engineer, translate, disassemble, or de-compile this software in whole or part.

IP Terms

You acknowledge: the software is the intellectual property of Infuse, Inc. and is protected by law, including United States copyright law. You agree to hold this software in trust for us and keep proper account of it.

You shall protect this property from disclosure and assure that no one shall use it for their own purposes, misuse it, change it, reverse engineer, transform or compile it, as to all or any part of it, except as authorized above.

License Grant

Here you are the licensee and we are the licensor. So long as you service the installations, there is no specific limit to the number of installations in which you may use this software. We grant you the nonexclusive license to use the software only in accordance with this license document. We keep the title to software and all copies. The software shall be used only with the described functions in the security system. This license shall automatically terminate if any substantial risk arises that you or anyone may breach any terms in this license document. You may not transfer this license agreement except that you may grant the system owner the nonexclusive license to the compiled code that

results from your using the software as authorized. The system owner in turn shall keep such compiled code confidential and assure us that no one shall use it for their own purposes, misuse it, or reverse engineer it, as to all or any part. You and the system owner shall not otherwise transfer this license to others, and this license shall automatically terminate in the event of a transfer.

Upon termination of this license for any reason, you and the system owner shall return the software and the products thereof to us. All provisions relating to warranty disclaimer, liability limitation, remedies, or our proprietary rights shall survive termination.

Documentation; Performance

Any change to this document must be in writing signed by you and us. This document contains the complete and exclusive agreement between you and us concerning the software. There is no understanding, contract, representation, or warranty apart from this document. Failure by us to insist on any performance shall not prevent us from later insisting on performance. In any dispute concerning my firm's rights and duties, the prevailing party shall be entitled to attorneys' fees and related expenses.

The use of this module in your code signifies your agreement to the terms and conditions herein

Thank you for allowing us to be of service!