

# SecureSmith IR KEYPAD

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This IR KEYPAD will show security zones information. It will also interact with IR remote controllers.

IR KEYPAD has four different modes. There four modes are:

1. Normal Mode
2. Learn IR remote controller mode
3. Program User-defined buttons mode
4. Setting mode

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## Normal mode

When the SecureSmith system is powered on, IR KEYPAD will enter this mode. A red dot at the lower right corner will blink slowly to indicate it is in Normal mode now.

In this mode, users can use the User-defined buttons, namely USER1, USER2, USER3 and USER4. Also, users can use the IR remote controller to control SecureSmith, such as arm or disarm the system, turn on or off a GLOP device. The default functions are:

1. '#' '1': Arm SecureSmith
2. '#' '2': Disarm SecureSmith
3. '#' '3': On siren (Panic)
4. '#' '4': Off siren
5. '\*' ?? '\*': Switch on GLOP. ?? is the GLOP number, for example: to switch on GLOP with ID 7, '\*' '0' '7' '\*'
6. '\*' ?? '#': Switch off GLOP. ?? is the GLOP number.

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### Learn IR remote controller mode

If you have a new IR remote controller, you can let IR KEYPAD to 'learn' it. In Normal mode, pressing USER3 and USER4 together will enter Learn IR remote controller mode.

Once IR KEYPAD enters Learn IR remote controller mode, you will see a blink '0', now you can press the '0' key on the remote controller. After IR KEYPAD 'learnt' the button, it will proceed to next IR button.

Whenever you see a blinking number, you just press the corresponding key on the IR remote controller. There will be totally 13 keys to learn, they are '0', '1', '2', '3', '4', '5', '6', '7', '8', '9', 'A', 'H', and 'C'. 'A' means asterisk, '\*'. 'H' means hash, '#'. 'C' means camera controll.

After IR KEYPAD learns all 13 keys, it will beeps and return to normal mode automatically.

To cancel Learn IR remote controller mode, press USER2 and USER3 together.

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### Program User-defined buttons mode

The four user-definable buttons (USER1, USER2, USER3 and USER4) can be programmed to have following functions:

1. Arm SecureSmith
2. Disarm SecureSmith
3. On siren
4. Off siren
5. Switch on GLOP with fixed ID
6. Switch off GLOP with fixed ID
7. Select camera

To enter this mode, you have to press USER1 and USER2 together. You will see a 'P' letter to indicate that IR KEYPAD is in Program User-defined buttons mode.

Now you can key in the IR command, (for example: the On siren command, '#' '3'), and then press the button that you want to program, say USER3, until the system beeps. Now that USER3 will act as a panic button. IR KEYPAD will return to Normal mode after each button is programmed. To program another button, you have to press USER1 and USER2 together in order to enter Program User-defined buttons mode again.

To cancel Program User-defined buttons mode, press USER2 and USER3 together.

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## Setting mode

Setting mode allows user to customize SecureSmith. Pressing USER1 and USER4 together will enter Setting mode. A 4 digit combination code is required for security purpose. The default combination code is '1' '2' '3' '4'. After entering the correct combination, a red dot at the lower right conner will blink faster to indicate IR KEYPAD is in Setting mode now.

To cancel Setting mode, press USER2 and USER3 together.

<b>(01): SET REAL TIME CLOCK:</b>
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'0' '1' [TIME (4DIGIT, 24HOUR FORMAT)] [BUTTON 1&4]

Example:

Set Time to 17:59:

'0' '1' '1' '7' '5' '9' [BUTTON 1&4]

<b>(02): ENABLE/DISABLE ZONE:</b>
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'0' '2' [OPTION] [ZONE: (01-22)] [ON/OFF] [BUTTON 1&4]

OPTION	DESCRIPTION
'0'	Enable/Disable zone
'1'	Set home mode zone
'2'	Set permenant-arm zone

[ON/OFF]: '\*'=ON, '#'=OFF

Examples:

To enable zone 7:

'0' '2' '0' '0' '7' '\*' [BUTTON 1&4]

To disable zone 15:

'0' '2' '0' '1' '5' '#' [BUTTON 1&4]

<b>(03): SET NEW PHONE PASSWORD:</b>
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'0' '3' [6 DIGIT NEW PASSWORD] [BUTTON 1&4]

Example:

To set new password as '973528':

'0' '3' '9' '7' '3' '5' '2' '8' [BUTTON 1&4]

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## (04): SET PHONE NUMBER

- To set tone dialing:  
`'0' '4' '*' '*' [BUTTON 1&4]`
- To set pulse dialing:  
`'0' '4' '#' '#' [BUTTON 1&4]`
- Enable and set phone number:  
`'0' '4' [PHONE:1,2,3OR4] '*' [PHONE NUMBER] [BUTTON 1&4]`  
NOTE: [PHONE NUMBER]: '\*'= PAUSE FOR A WHILE
- Disable phone:  
`'0' '4' [PHONE:1,2,3OR4] '#' [BUTTON 1&4]`
- To set maximum dial out count  
`'0' '4' '0' '*' [MAX. DIAL OUT COUNT 1<=X<=12] [BUTTON 1&4]`

## (05): SET LOCAL OPERATION COMMAND

- To set local mode operation command length:  
`'0' '5' '#' [LEN: 2,4, OR 6] '*' [BUTTON 1&4]`
- To set automation command length:  
`'0' '5' '#' [LEN: 4 OR 6] '#' [BUTTON 1&4]`
- To set new operation command:  
`'0' '5' [OPTION] [NEW COMMAND] [BUTTON 1&4]`  
[OPTION]:  
0=ARM  
1=DISARM  
2=SIREN ON  
3=SIREN OFF  
5=PC ONLINE  
6=SECURITY STATUS  
7=DISCONNECT

### Examples:

1)set local mode operation command length to 4:

`'0' '5' '#' '4' '*' [BUTTON 1&4]`

2)To set automation command length to 6:

`'0' '5' '#' '6' '#' [BUTTON 1&4]`

3)Set 6-digit disarm code “#32048”:

`'0' '5' '1' '#' '3' '2' '0' '4' '8' [BUTTON 1&4]`

4)Set 4-digit siren-on code “9\*1#”:

`'0' '5' '2' '9' '*' '1' '#' [BUTTON 1&4]`

5)Set 2-digit security status code “#3”:

`'0' '5' '6' '#' '3' [BUTTON 1&4]`

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**(06): SET DURATION:**

'0' '6' [OPTION] [PARAMETER] [BUTTON 1&4]

OPTION	FUNCTION	PARAMETER
'0'	Set Arm-Delay	1-255 (seconds)
'1'	Set Siren on Duration	1-255 (seconds)
'2'	Set Siren on multiple	1-15 (times)
'3'	Set Strobe light duration	1-48 (hours)
'4'	Set Zone beeper duration	0-255 (seconds)

### Examples:

Set arm-delay to 35 seconds:

'0' '6' '0' '3' '5' [BUTTON 1&4]

Set strobe light duration to 2 hours:

'0' '6' '3' '2' [BUTTON 1&4]

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**(07): SET ARM/DISARM BUTTON COMBINATION**

- To set arm combination:

'0' '7' '1' '\*' [4 DIGIT ARM COMBINATION] [BUTTON 1&4]

- To set disarm combination:

'0' '7' '2' '\*' [4 DIGIT DISARM COMBINATION] [BUTTON 1&4]

- To disable arm combination:

'0' '7' '1' '#' [BUTTON 1&4]

- To disable disarm combination:

'0' '7' '2' '#' [BUTTON 1&4]

NOTE: [4 DIGIT ARM/DISARM COMBINATION] '1'=USER1 BUTTON, '2'=USER2 BUTTON, '3'=USER3BUTTON, '4'=USER BUTTON

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**(08): SET NEW COMBINATION TO ENTER SETTING MODE**

'0' '8' [4 DIGIT NEW COMBINATION] [BUTTON 1&4]

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**(09): SET NEW GLOP ID**

'0' '9' [4 DIGIT NEW GLOP ID] '\*' [BUTTON 1&4]

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**(10): TEST DIAL**

'1' '0' [PHONE NUMBER: 0,1,2,3,4] [BUTTON 1&4]  
IF PHONE NUMBER=0, STOP TESTING AND HANG UP

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