

SECURITON-Interface Module Product Manual

1 General

The Incite Hochiki-Securiton Interface Module (SEC-HIM-35) has been designed to enable Securiton Aspirating Smoke Detectors to be connected to a Hochiki loop and bring the alarm and fault signals back to the panel for processing.

The Hochiki-Securiton Interface Module is ideal for use with Syncro & Taktis Panels.

There are three parts to a complete system.

SEC-HIM-35: This is the main module which utilises a CHQ-POM to interfaces the Aspirating Smoke Detector (ASD) to the loop. Every system must contain one of these.

SEC-HIM-35B: This is a secondary module which is only required on an ASD535/2. It utilises a CHQ-SIM to interface the second ASD to the loop. It contains a cable to connect to the SEC-HIM-35 unit.

SYNCRO-SECRDU and TAKTIS-SECRDU: These modules are used to display the status of the ASDs, and allow individual Disable and Reset switches for each ASD.

2 Modules

2.1 SEC-HIM-35

The Hochiki-Securiton Interface Module consists of two parts connected via a ribbon cable.

These are available only as a complete set.

The control PCB consists of a CHQ-POM, and associated electronics to allow it to interface to the Securiton ASD-531, ASD-532 and ASD-535 detectors.

The termination PCB consists of fingers to fit into the terminal blocks on the Securiton detectors. Two box headers are provided to allow the ribbon from the control PCB to plug in. Header J1 is used for the ASD-531 and ASD-532 detector, while header J2 is used for the ASD-535 detector.



2.2 SEC-HIM-35B

This module is only used with the Securiton ASD535 when the second aspirator is installed and plugs into the SEC-HIM-35. It can only be used in conjunction with the SEC-HIM-35. The SEC-HIM-35B utilises a CHQ-SIM.



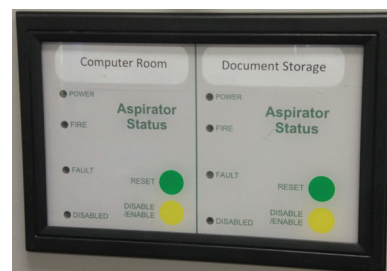
2.3 SYNCRO-SECRDU and TAKTIS-SECRDU

These modules are used to display the status of individual Securiton ASD units.

They must be configured through Cause and Effects in the Syncro or Taktis panels. They must be used in conjunction with either a Syncro or Taktis panel and are not available in a stand-alone configuration.

These modules come only as pairs.

Should only one be needed, the second unit is left out of the FIP configuration.



I/O Setup and Attributes

The TAKTIS-SECRDU appears to the Taktis panel as a 16 way I/O module. When adding the module, the wired type must be used, not the "Plug in" type.

The SYNCRO-SECRDU appears to the Syncro panel as a 16 way I/O module.

The I/O points are shown in the table below:

I/O Channel	Function	Syncro Input or Output	Description
1	General Disablement	Output	NOT USED
2	Access Level 2	Output	Enables SECRDU controls.
3	Fire 1	Output	Fire signal from ASD1
4	Fault 1	Output	Fault signal from ASD1
5	Fire 2	Output	Fire signal from ASD2
6	Fault 2	Output	Fault signal from ASD2
7	Not Used	Output	DO NOT USE
8	Not Used	Output	DO NOT USE
9	Disablement 1.1	Input	Activated whenever the Disablement function on ASD1 is active. Used to disable inputs via C&E.
10	Disablement 1.2	Input	May be used as required. Is activated whenever the Disablement function on ASD1 is active.
11	Reset 1.1	Input	Activated for 5 seconds whenever the Reset function on ASD1 is activated. Used to reset the ASD via C&E.
12	Reset 1.2	Input	May be used as required. Is Activated for 5 seconds whenever the Reset function on ASD1 is activated.
13	Disablement 2.1	Input	Activated whenever the Disablement function on ASD2 is active. Used to disable inputs via C&E.
14	Disablement 2.2	Input	May be used as required. Is activated whenever the Disablement function on ASD2 is active.
15	Reset 2.1	Input	Activated for 5 seconds whenever the Reset function on ASD2 is activated. Used to reset the ASD via C&E.
16	Reset 2.2	Input	May be used as required. Is Activated for 5 seconds whenever the Reset function on ASD2 is activated.