



**HARRINGTON**  
SIGNAL INC.  
**FIRE ALARM**

# FireSpy® Tracker T1000

Fire Alarm Control Panel

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## Description

The FireSpy® Tracker T1000 FACP features a modular design that comes with one built on addressable SLC. The T1000 may also have conventional zone modules or relay modules added to the system. The main enclosure has room for one T-CM module (5 Class A or 10 Class B conventional zones) or one T-SRM module (8 programmable relays). If needed, a T-NCA network module or up to two T-RC relay modules (2 programmable relays per module) may also be mounted in the main enclosure. Using the T-NCA module the T1000 can be networked to other T1000 or T2000 or T8000 FACP's for a total of 254 FACP's (using the T-PL expander plate for optional modules).

With different combinations of expansion cabinets, the T1000 may be expanded up to 30 Class A or 60 Class B conventional zones (T-CM) and up to 48 programmable relays (T-SRM).

The T1000 FACP contains one built-in SLC that can be programmed for I-Spy / XP95 series addressable devices (126 points of either modules or detectors on the SLC) or System Sensor addressable devices (99 detectors / 99 modules) or T-Spy series detectors

of 254 points on the SLC. The T1000 shall support and operate all three protocol makes at the same time.

The T1000 is listed for releasing device service for deluge or water using the T-RLS. The T1000 shall support up to 16 T-RLS for a total of 16 individual releasing circuits.

The FireSpy® Tracker T1000 can be fully programmed from the keypad of the FACP or from a PC (using the TG-CBL-USB cable) with FireSpy® software package.

The Tracker T1000 FACP supports a Digital Alarm Communicator Transmitter that is built on to the T1000. The system supports Contact ID format to the Central Station. The unit has a built-in speaker for audible feedback, which can be enabled or disabled.

## Features

- Modular Design
- Auto Learn Programming
- Fully programmable through Keypad on FACP
- System supports 250 groups and 250 network groups (w/optional network module T-NCA)
- System can be networked with



network module, 254 panels (T-NCA)

- Built-in Digital Alarm Communicator Transmitter

- SLC support I-Spy / XP95 (126 devices) or System Sensor (198 devices) or T-Spy (254 devices)
- Drift Compensation<sup>1</sup>
- Alarm Verification<sup>2</sup>
- Built-in one Addressable SLC on Mother Board
- Releasing device service for deluge/water
- System supports up to 16 T-RLS per system
- All Modules can be remotely placed
- Conventional Module (T-CM) 5 Class A or 10 Class B zones per module

*Features Continued on Next Page*

## Ordering Information

Model Number	Part Number	Description
T1-P	T1-P	1 Addressable SLC FACP, Class A or B (T-Spy / I-Spy / System Sensor / XP95)
T1-P-N	T1-P-N	1 Addressable SLC FACP, Class A or B (T-Spy / I-Spy / System Sensor / XP95) w/Network Card
TG-CBL-PDC24	TG-CBL-PDC24	Replacement Cable Key Pad, T1 PDC to motherboard
T-PDC	T-PDC	Replacement LCD Annunciator Board for T1-P Panel
440-0740	440-0740	Key Switch Enable
T-PDCR	T-PDCR	Remote LCD Annunciator Board without Cabinet for T1000, T2000 & T8000
T-ANN	T-ANN	Remote LCD Annunciator Board in Cabinet for the T1000, T2000 & T8000, Red
T-RC	T-RC	Relay Boards w/ 2 Programmable Relays, connects off the MCC or CM Module Boards. Cable is needed to 1st T-RC board connection, 5 board limit per connection
T1-MB	T1-MB	Main Control Assbly. incl. chassis, MCC, ACM, & power supply 120VAC
T1-CAB	T1-CAB	Cabinet for T1000
T-CM	T-CM	Conventional Module Board w/ 10 Zones Class B or 5 Zones Class A
T-PL	T-PL	Expander Plate

*Ordering Information Continued on Next Page*



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## Ordering Information Continued

Model Number	Part Number	Description
T-EXP	T-EXP	Small Expander Cabinet boards to be placed in remote locations (Holds 1 T-CM board or 1 T-SRM board)
T-NCA	T-NCA	Network Module Board
T-SRM	T-SRM	Serial Relay Module Board w/ 8 Programmable Relays
T-EXP5-CR	T-EXP5-CR	Conventional Module Board in Expander Cabinet, 10 Class B or 5 Class A w/ 1 T-RC Board (2 form C contacts - can hold up to 5 T-RC Relay Boards)
T-EXP5	T-EXP5	Relay Board Expander Cabinet Only - (can hold up to 5 T-RC Relay Boards)
T-EXP5N-R	T-EXP5N-R	1 T-RC Relay Board in Expander Cabinet - (can hold up to 5 T-RC Relay Boards)
T-EXPD	T-EXPD	T-UDACT or T-NCA Expander Cabinet
TG-CBL-RC	TG-CBL-RC	Cable to connect T-RC Board to the MCC Board or T-CM Module Board, 14"
TG-CBL-RC-36	TG-CBL-RC-36	Cable to connect T-RC Board to the MCC Board or T-CM Module Board, 36"
T-ACAB	T-ACAB	Remote Annunciator Cabinet Only
T-KIT	T-KIT	Mounting Hardware Kit for Expander Cabinets (stand-offs, nuts & screws)
T-KIT-RC	T-KIT-RC	Mounting Hardware Kit for T-RC & T-NCA Boards (screws)
TG-CBL-USB	TG-CBL-USB	USB Programming Cable T1-P, T2-P & T8-P FACP's
440-8021	440-8021	Cat 15 Lock & Key
440-0293	440-0293	Cat 15 Key Only
T-RLS	T-RLS	Pre-wired Releasing Circuit Assembly
T-LDV	T-LDV	Lamp Driver Module Board with up to 255 outputs, LED's or Lamps

## Features Continued

- System supports up to 6 (T-CM) modules per system
- Serial Relay Module (T-SRM) provides 8 programmable relay contacts rated at 10A @ 30VDC & 10A @ 250VAC Resistive load or 3A @ 250VAC Inductive load
- System supports up to 6 T-SRM's for a total of 48 programmable relay contacts
- Lamp Driver Module (T-LDV) provides up to 255 outputs to drive lamps
- Lamps maybe LED's or Incandescent bulbs (4 T-LDV per System)
- 8 Remote annunciators (T-ANN) per FACP
- Remote reset programmable per each annunciator
- Supervisory can be set up as latching or non-latching event
- Inputs can be set up as non-reporting latching or non-reporting non-latching event
- Groups can be Output Delay by Groups
- Groups can be configured as (Output Follows Input, Latch Output On, Latch Output Off, Toggle Output On/Off)
- Normal Walk Test
- Silent Walk Test
- Walk Test events are recorded and stored in the history log
- 3 NAC/Aux Power circuits
- System factory configured for 2 NAC and 1 Auxiliary Power
- NAC output circuits rated at 1.8 Amps each and 4 Amps total for the system
- NAC outputs can be configured with the Sync Protocol (Gentex, System Sensor, Wheelock & Amseco)
- One Auxiliary I/O connection, this auxiliary input/output circuit that can be used in a NAC mode or as an input.
- The NAC mode can be used to activate an external NAC-driven device, such as a NAC power supply or HAVE voice evacuation system. The AUX IO port provides alarm activation, silencing and resound operation. (Limited 20' connection as an output)
- Built-in Digital Alarm Communicator Transmitter
- NAC outputs can be configured as 24 VDC continuous or resettable power source
- Detectors have Flash / Non-Flash LED Option per Detector<sup>1</sup>

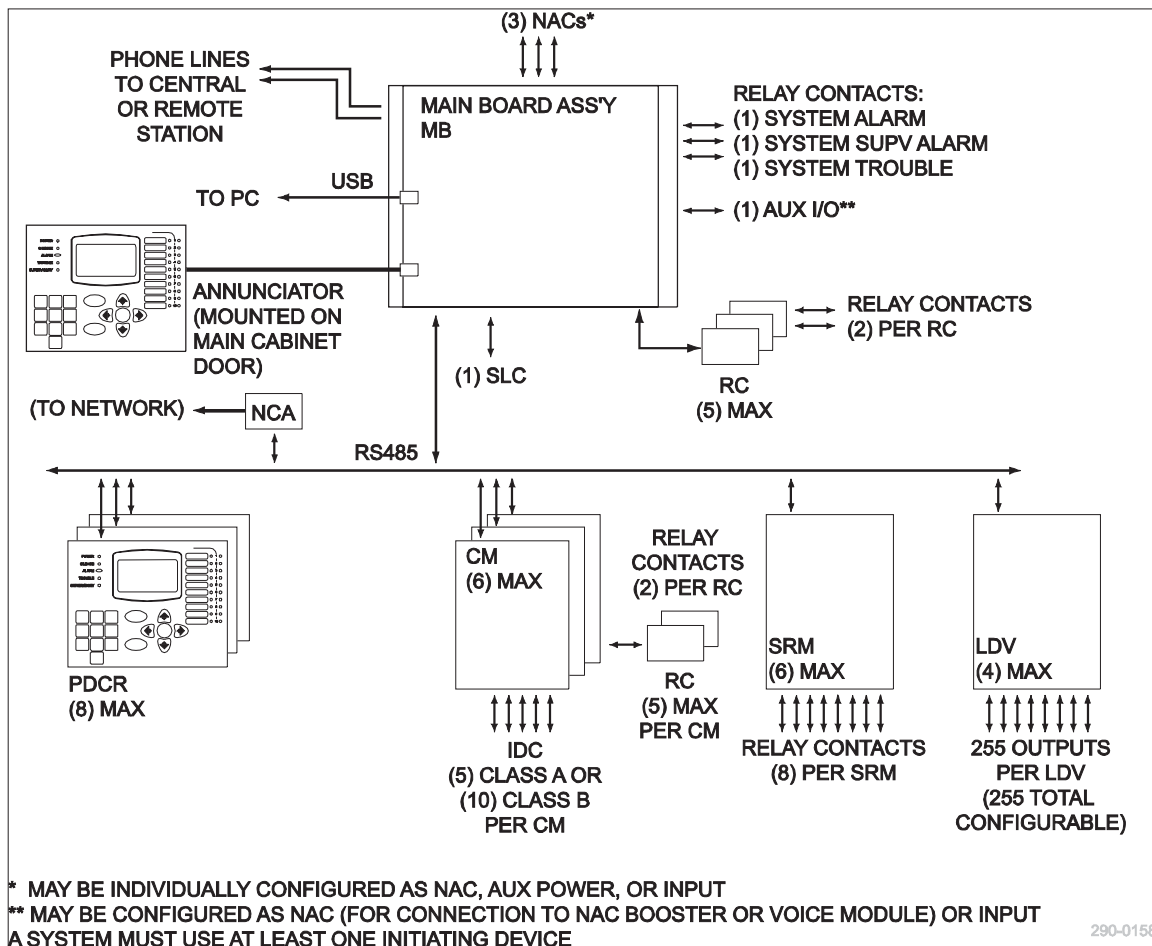
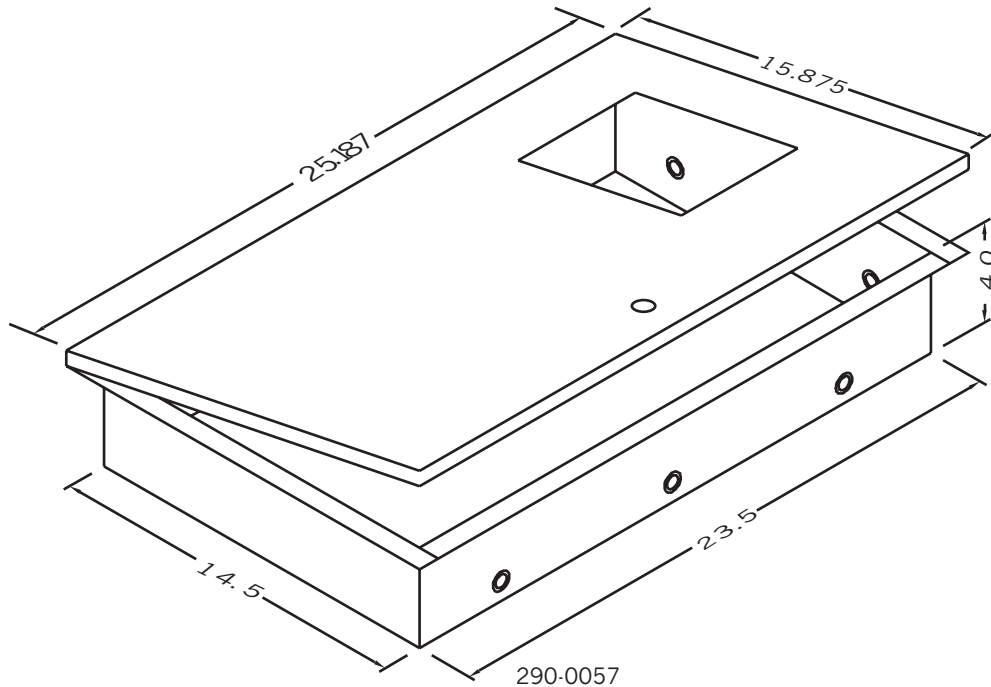
<sup>1</sup>IS Series Only (Excluding IS819 & IS820)

<sup>2</sup>XP95 and System Sensor Series detectors only



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290-0158



## FireSpy® Tracker T1000

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### Engineering Specifications

The panel shall be a Harrington Signal FireSpy® series Tracker T1000, modular type design with one built-in addressable SLC and Digital Alarm Communicator Transmitter, and / or conventional zones with the option of adding on modules for other user applications. The Tracker T1000 shall support the following modules: T-CM, T-SRM, T-RC, T-LDV, T-ANN, and T-NCA.

The basic Tracker T1000 addressable panel shall consist of one built-in SLC and / or optional 10 zones conventional (one T-CM module), expandable up to 30 Class A or 60 Class B conventional zones (w/ T-EXP series enclosures). The basic system shall be capable of operating either I-Spy / XP95 series devices or System Sensor series devices or T-Spy series of detectors on the addressable SLC circuit.

The T1000 shall support addressing from 1 to 254 addressable points on the SLC. The T1000 shall support either / or I-Spy / XP95, System Sensor and T-Spy addressable devices on the SLC. The T1000 shall support up to 126 addressable points of either I-Spy / XP95 series devices from address 1-126 for either detectors or modules or address points 1-99 for detector and 101-199 address points for modules for the System Sensor Series of devices or T-Spy series detectors for address points 1-254, for a total of 254 addressable points for the T1000 SLC.

The T1000 shall support auto programming from the keypad or programming from a PC with the FireSpy® Tracker software package.

The Tracker T1000 shall have 3 output circuits that can be configured in to 11 different modes of operation. The Tracker T1000 shall have built-in sync for strobe circuits or combination horn / strobe circuits.

The Tracker T1000 shall have a built on Digital Alarm Communicator Transmitter that supports CID format to the Central Station. The T1000 shall have a built on speaker for trouble shooting.

The Tracker T1000 shall be expandable to have up to eight remote annunciators connected per panel. Each annunciator can be programmed for remote reset individually.

The Tracker T1000 shall be expandable to have a lamp driver module (T-LDV) that will provide outputs to drive a supervised lamp. Lamps may be LED's or Incandescent bulbs; the Tracker T1000 panel allows programming for up to 255 outputs shared among up to four LDV's per system. Each LDV may drive up to 255 of the programmable outputs.

The Tracker T1000 shall be expandable to connect to the T-SRM serial relay module that provides eight programmable relay contacts. Each relay contact may be programmed with up to 10 different group associations. The Tracker T1000 shall support up to six T-SRM's, for a total of 48 programmable relays. The T-SRM may be mounted in the main cabinet or remotely in an external cabinet (w/T-EXP enclosure).

The Tracker T1000 shall be capable for releasing device services and shall be expandable to connect up to sixteen T-RLS's individual releasing circuits.

The Tracker T1000 shall have 250 panel group association and 250 network group assemblies. If needed, the Tracker T1000 shall have a T-NCA module, one per FACP to network, up to 254 panels in a peer to peer network.

NOTICE: The information contained in this document is intended only as a summary and is subject to change without notice. The devices described in this document have specific instruction sheets which cover various technical, limitation and liability information. Copies of these instruction sheets and the General Product Warning and Limitations Document, which also contains important information are provided with the product and are available from Harrington Signal Inc. Fire Alarm. Information contained in these documents should be consulted before specifying or using the product. For further information or assistance concerning particular problems contact Harrington Signal Inc. Harrington Signal Inc. Fire Alarm reserves the right to change specifications without notice. Modem is an accessory only (non UL listed)

Call for availability on items not listed in the ordering information