

# Simon XT*i*

Self-contained, wireless,  
security system



## OVERVIEW

The next-generation Simon XT*i* enhances the longstanding reliability and performance of the Simon XT™ with the advanced technology of the Two-Way Talking Touch Screen. This self-contained security system offers exclusive image capture technology, combined with powerful security and color LCD touch screen convenience, for a cost-effective, easy-to-use solution.

Well suited for houses, apartments, and condominiums, the Simon XT*i* features a built-in touch screen to control security functions. In addition to using Simon XT*i* security features for safety and peace of mind, optional wireless devices can be added to provide control over other functions including Z-Wave® wireless lighting control devices, Z-Wave wireless thermostats for home HVAC systems and Z-Wave door lock control.

All these functions can also be controlled remotely using Web portal and mobile applications powered by Alarm.com. Any Web-enabled device (laptop, smartphone or tablet) provides access to Simon XT*i*'s functionality and even includes lifestyle-enhancing information such as the current outdoor temperature and a four-day weather forecast.

The Simon XT*i* panel comes standard with 40 wireless zones, or it can be set up with 38 wireless zones and two built-in hardwired supervised burglary zones (normally-closed loop only). The built-in radio receiver works with both crystal and SAW LearnMode™ sensors.

## STANDARD FEATURES

- Simple, no button interface; All interaction occurs via a 3.5-inch color LCD with graphical user interface (GUI)
- At-a-glance status of home and property
- Actionable status icons
  - Identify door/window open
  - Last motion detected
  - “My property” icon status; covers all non-window, non-interior motion changes
- Menu-based system programming and test
- 40 wireless zones — two can be hardwired (normally-closed loop only)
- Built-in PSTN 2-way voice capability (over GSM with optional module)
- Supports both crystal and SAW LearnMode sensors, repeaters
- Supports 2-way RF products (version-specific)
- Chime feature for monitoring door, window or motion activity
- 1 master access code and 8 programmable user access codes of 3 to 6 digits
- SIA or CID central station reporting formats and Voice Event Notification reporting via PSTN (native) and/or optional GSM and IP modules
- Program panel with built-in touch screen or Enterprise Downloader software v4.4 or later
- Expansion options
  - Internet-based interactivity (with third-party providers)
  - Support for on-premises remote control with optional talking touchpad accessory
  - Compatible with the Interlogix Image Sensor, providing on-screen image display

## FEATURES THAT SECURE YOUR HOME AND PROTECT YOUR FAMILY

### Safe

**Two-way communication** – microphone for emergency two-way communication with monitoring station personnel

**Always secure** – backup power supply keeps the system operational during power failures

### Effective

**Emergency fast-action keys** – quickly summon Fire, Medical or Police assistance with one button

**Super-loud piezo siren** – provides effective alert notice throughout the home

**Hear clearly** – Speaker for voice audio status messages and prompts, live communications with monitoring station personnel and configurable “voice chimes”

### Convenient

**Easy to read** – color LCD touch screen provides “At-a-Glance” status of home and property

**User friendly** – simple, icon-driven, touch screen user interface—No buttons!

**Stay connected** – control lights, thermostats, door locks and other Z-Wave® enabled devices.



### At-A-Glance Home Status

Quick, at-a-glance home status provides a complete view of home systems including security, indoor temperature and weather.



### Electronic Keypad

Offers user-friendly system control and operation via the electronic keypad.



### Options to make the most of your system

With the optional GSM reporting and Alarm.com features, Simon XT<sub>i</sub> enables remote monitoring and control of your security system for convenient and effective home protection.

- Receive voice, email or text message reports
- Remote lighting, locks and thermostat control
- Monitor household activity in real time
- Arm/Disarm Simon XT<sub>i</sub> from anywhere
- Image capture and display via wireless Image Sensors
- Powered by Alarm.com for advanced interactive services
  - Optional HVAC, lighting, and lock control devices with programmable options help promote energy savings
  - Four-day weather forecast adds value and lifestyle convenience
  - Z-Wave door lock support and indicator status

### Optional Service



### Thermostatic Control

Thermostatic control makes it easy to set automation schedules in conjunction with lighting and security events to save energy and reduce utility bills.



### Menu-Based System Programming

Menu-based system programming and testing enables fast and accurate installation of the panel and supported devices.

## Specifications

### Electrical

Required transformer	Class II, 9 VAC, 3.34A, 60 Hz (60-899, 60-899-CN in Canada)
Fuse	Non-replaceable transformer fuse
Backup batteries	6 VDC, 1.2 Ah lead acid (60-914)
Backup time	24 hours (fully charged)
Battery test	10 seconds under load every 4 hours

### Radio receiver

Type	SAW-controlled superheterodyne
Frequency	319.5 MHz/ Bandwidth 350 kHz
Sensitivity	110 dBm nominal
Nom. range without GSM module present	1000-ft. open-air receiving range
Nom. range with GSM module present	Approx. 500-ft. open-air receiving range

### Telephone/modem

Dialing	DTMF or pulse
Modem	Modified Bell 103 (110 or 300 bps)
Telephone interface	Line seizure relay

### Inputs/outputs

Total input zones	40 or 38 wireless and 2 hardwire (normally-closed loop only)
Auxiliary power	Unregulated 5.1 to 12 VDC; power-limited to 250 mA (maximum) @ 10 VDC
Siren output	1 Hardwire Interior Siren (5.1 to 9 VDC)

### Digitized voice

Digitization type	Continuous Variable Slope Delta (CVSD) Modulation
Playback rate	88,200 bits/second

### Environmental

Operating temperature	32 to 122°F (0 to 49°C)
Relative humidity	90% max., non-condensing

### Physical

Color	White
Dimensions (LxWxD)	5.81 x 7.12 x 1.60 in. (147 x 180 x 40 mm)
Weight, without battery	1.0 lb. (454 g)
Installation	Wall mount
Construction, chassis	ABS

### Regulatory

FCC	Part 15, Part 68
UL	985, 1023, 1635/ULC Listing ORD-C102319-74,ULC-S545-M89
CSFM	California State Fire Marshall
CP01-2007	

## Ordering Information

### Simon XTi Packages

80-632-3N-XTi	Simon XTi starter package without X10
80-517-3N-XTi	Simon XTi 3/1/1 SAW package A5 without X10
80-649-3N-XTi	Simon XTi Crystal package C5 without X10
80-649-3D-XTi-GSM-TM	Simon XTi 3/1/1 Kit w/Z-Wave, GSM for T-Mobile Network
80-649-3N-XTi-TS-TM	Simon XTi w/Two-Way Talking Touch Screen & GSM Kit
80-649-3N-XTi-TS	Simon XTi w/Two-Way Talking Touch Screen

### Accessories (sample list of compatible devices)

60-362N-10-319.5	Crystal door/window sensor
60-670-95R	SAW door/window sensor
600-1064-95R	4-button keychain (keyfob)
60-906-95	Wrist panic sensor
60-807-95R	SAW pet immune motion sensor
13-949	Interior siren
13-950	Exterior siren
60-924-RF-TS	Simon XT Two-Way Talking Touch Screen
TX-6310-01-1	Carbon Monoxide
TX-3030-01-1	DesignLine flat wall touchpad
TX-1010-01-1	DesignLine door/window sensor
TX-4014-01-2	DesignLine 4-button keypad
TX-6010-01-1	Smoke detector
60-744-95R	Water sensor
60-742-95R	Freeze sensor
600-1048-XT-ZX-TM	GSM radio for XT/XTi with Z-Wave and Image Sensor ready (T-Mobile)
600-1048-XT-ZX-AT	GSM radio for XT/XTi with Z-Wave and Image Sensor ready (AT&T)
600-9400-IMAG	Image Sensor
IS-ZW-TSTAT-300	Z-Wave advanced thermostat
IS-ZW-AM-1	Z-Wave plug-in fluorescent light and appliance module
IS-ZW-LM-1	Z-Wave plug-in lamp module
IS-ZW-OM-1	Z-Wave outdoor module
IS-ZW-WS-1	Z-Wave in-wall on/off switch

## Synchronized Homes to keep families connected, protected and a whole lot more.

The Simon XTi is designed to support a variety of accessories that heighten security and enhance convenience. These options make it easy to customize systems that meet each user's specific need and priorities.

### SECURITY



Two-Way Talking Touch Screen



Keyfob



Door/Window sensors



PIR motion detector



Glassbreak sensor



Video camera



Environmental sensor



Image sensor

### LIFE SAFETY



Smoke and heat detector



Carbon Monoxide detector

### LIFESTYLE



Locks



Thermostats



Appliance/Lamp modules



Lighting

### INTERACTIVE SERVICES




Interactive Services

powered by  **ALARM.COM**<sup>™</sup>

Specifications subject to change without notice.

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