

Simon XTi

Self-contained, wireless, security system



OVERVIEW

The next-generation Simon XTi enhances the long-lasting reliability and performance of the Simon XT[®] with the advanced technology of the Two-Way Talking Touch Screen. This self-contained security system offers 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 XTi features a built-in touch screen to control security functions. In addition to using Simon XTi 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 XTi's functionality and even includes lifestyle-enhancing information such as the current outdoor temperature and a four-day weather forecast.

The Simon XTi 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 Learn Mode[™] 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 Cellular 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 Cellular 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 or touch screen accessories
 - 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 Cellular reporting and Alarm.com features, Simon XTi 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 XTi 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, 9VAC, 3.34A, 60 Hz (60899, 60-899-CN in Canada)
Fuse	Non-replaceable transformer fuse
Backup batteries	6VDC, 2100mAh, NIMH (600-XTi-BAT)
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 12VDC; power-limited to 250mA (maximum) @ 10VDC
Siren output	1 Hardwire Interior Siren (5.1 to 9VDC)

Digitized voice

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

Environmental

Operating temperature	32°F~122°F (0°C~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 Kit w/o X10
80-517-3N-XTi	Simon XTi SAW 3/1/1 Kit w/o X10
80-649-3N-XTi	Simon XTi Crystal 3/1/1 Kit w/o 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)

TX-1012-01-1	Micro Crystal Door/Window Sensor
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 w/Z-Wave and Image Sensor Ready for T-Mobile® Network
600-1048-Xt-ZX-AT	GSM Radio for XT/XTi w/Z-Wave and Image Sensor Ready for AT&T™ Network
600-1048-Xt-ZX-VZ	CDMA Radio for XT/XTi w/Z-Wave and Image Sensor Ready for Verizon® Network
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