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.

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

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.

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
- **Modern**: 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 Hardware Interior Siren (5.1 to 9VDC)

### Digitized voice
- **Digitzation 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
- **CSFM**: California State Fire Marshall
- **CP01-2007**:

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### 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**: SAWS 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-XZ-TM**: GSM Radio for XT/XTi w/Z-Wave and Image Sensor Ready for T-Mobile® Network
- **600-1048-XT-XZ-AT**: GSM Radio for XT/XTi w/Z-Wave and Image Sensor Ready for AT&T™ Network
- **600-1048-XT-XZ-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
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**

powered by ALARM.COM™

Interactive Services

Z-Wave® is a registered US Trademark of Zensys A/S. Complies with FFC and Industry Canada regulations.