simon

Simon® XTi-5

Self-contained, wireless,
security system

**New design
with larger
5-inch
screen**

OVERVIEW

The next generation of Simon XTi builds on the reliability of the original by adding a larger display and updated housing. This self-contained security system provides color LCD touch screen convenience, at-a-glance system status, and easy to use icon-based system operation all at a cost conscious price point.

The Simon XTi-5 is ideally suited for monitoring the security and safety of houses, condominiums and apartments. The ability to add on Z-Wave® lights, thermostats and door locks, in addition to the Interlogix® Image Sensor — for viewing recorded snap shots and real-time look-ins — make it a perfect solution for whole home security and comfort management.

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-5's functionality and even includes lifestyle-enhancing information such as the current outdoor temperature and a four-day weather forecast.

The Simon XTi-5 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 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

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FEATURES DESIGNED TO SECURE YOUR HOME AND PROTECT YOUR FAMILY

Safe

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

Battery backup – backup power supply keeps the system operational during power failures

Effective

Emergency fast-action buttons – in monitored systems quickly summon Fire, Medical or Police assistance

Integrated siren – siren is compliant with UL listing requirements on sound output, to provide 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 – large 5" color LCD touch screen provides "At-a-Glance" status of home and property
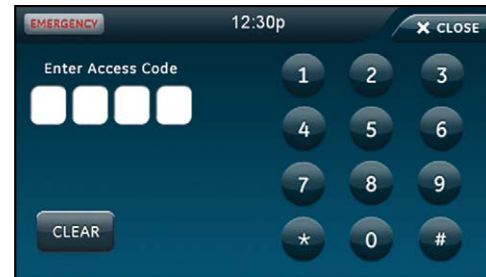
User friendly – simple, easy to understand and operate, icon driven, touch screen interface — great for users of all ages

Stay connected – control lights, thermostats, door locks and other Z-Wave® enabled devices for enhanced convenience, safety and value

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-5 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 home 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 help 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
Touch Screen	5" diagonal (4.3" x 2.5"), Resistive Touch Screen; 480x272 resolution, 64k colors

Radio receiver

Type	SAW-controlled superheterodyne
Frequency	319.5 MHz/ Bandwidth 350 kHz
Sensitivity	110 dBm nominal
Nom. range without GSM module present	Approx. 1100-ft. open-air receiving range
Nom. range with GSM module present	Approx. 800-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)	5.97 x 7.24 x 1.71 in. (151 x 183 x 43 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-5 Packages

80-632-3N-XT5	Simon XTi Starter Kit (5" touch screen)
80-649-3N-XT5	Simon XTi Crystal 3/1/1 Kit (5" touch screen)
80-632-3N-CN-XT5	Simon XTi Canadian Starter Kit (5" touch screen)
80-632-3N-MN-XT5	Monotronics® Simon XTi Starter Kit (5" touch screen)
80-649-3N-XT5-TS	Simon XTi (5" touch screen) w/one Two-Way Touch Screen (available early 2017)

Accessories (sample list of compatible devices)

TX-1012-01-1	Micro Crystal Door/Window Sensor
60-362N-10-319.5	Crystal Door/Window Sensor
TX-E101	4-Button Chrome Keyfob
TX-4200-01-1	Wireless Personal Panic Device
60-807-95R	SAW Pet Immune Motion Sensor
13-949	Interior Siren
13-950	Exterior Siren
60-924-RF-TS	Two-Way Talking Touch Screen
60-924-RF-TS-FR	French Two-Way Talking Touch Screen
TX-6310-01-1	Carbon Monoxide
TX-E231	Door/Window Sensor w/External Contact Input
TX-6010-01-1	Smoke Detector
TX-E601	Flood/Freeze Sensors
600-1048-XT-LTE-VZ	LTE Radio for XT/XTi w/Z-Wave® and Image Sensor Ready for Verizon® Network
600-1048-XT-ZX-TM	HSPA Radio for XT/XTi w/Z-Wave and Image Sensor Ready for T-Mobile® Network
600-1048-XT-ZX-AT	HSPA 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
600-1048-XT-ZX-RG	HSPA Radio for XT/XTi w/Z-Wave and Image Sensor Ready for Rogers™ Network
600-9400-IMAG	Image Sensor
13-CT32	Z-Wave 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

Simon® XTi-5

Self-contained, wireless
security system

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

The Simon XTi-5 is designed to support a variety of devices that heighten security and enhance convenience. These accessories make it easy to customize systems that meet each user's specific needs 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 HOME SERVICES

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