



**INTERACTIVE TECHNOLOGIES, INC.**  
 2266 SECOND STREET NORTH  
 NORTH SAINT PAUL, MN 55109  
 T: 800/777-5484  
 F: 651/779-4888

**WIRELESS**  
 Security  
 Automation  
 Access Control

To: ITI Sales Force

From: Jeff Carlson

Subject: Simon Comparison Chart

Description	Simon I	Simon 2.0	Simon 2.1	Simon 2.2	Simon 2.3	Simon 2.4
Zones	17	24	24	24	24	24
Rechargeable Back-up Battery	No	Yes	Yes	Yes	Yes	Yes
Two-way Voice	No	Yes	Yes	Yes	Yes	Yes
Remote Phone Access	No	Yes	Yes	Yes	Yes	Yes
Reporting Formats	ITI and 4/2 Formats	SIA and Contact ID	SIA and Contact ID	SIA and Contact ID	SIA and Contact ID	SIA and Contact ID
Arming Levels	1-4	0-4 (New Sub-Disarm Level Added)	0-4 (New Sub-Disarm Level Added)	0-4 (New Sub-Disarm Level Added)	0-4 (New Sub-Disarm Level Added)	0-4 (New Sub-Disarm Level Added)
Light Control From Panel (All On/Off)	No	Yes	Yes	Yes	Yes	Yes
Supervised Wireless Interior Siren Support	No	Yes	Yes	Yes	Yes	Yes
Front Cover Tampered	No	Yes	Yes	Yes	Yes	Yes
Two-way RF Talking Touchpad	No	Yes	Yes	Yes	Yes	Yes
Programming Options	See Table 2	See Table 2	See Table 2	See Table 2	See Table 2	See Table 2
Panic Code	No	Yes	Yes	Yes	Yes	Yes
New Sensor Groups	No	33 (SWIS), 34 (CO Detector)	33 (SWIS), 34 (CO Detector)	33 (SWIS), 34 (CO Detector)	33 (SWIS), 34 (CO Detector)	33 (SWIS), 34 (CO Detector)
Carbon Monoxide Detector Support	No	Yes	Yes	Yes	Yes	Yes
Fixes	See Table 1	See Table 1	See Table 1	See Table 1	See Table 1	See Table 1

**Table 1**

Version	Feature	Description of Issue or Additional Feature
Simon 2.1	CID Fix AVM Capability Option 49	Same signal reported multiple times (Fixed) AVM not compatible with Simon II (Fixed) Power must be cycled to activate the charging circuit (Not Fixed until Simon 2.2).
Simon 2.2	Option 30 Option 49 Option 51 Option 52 Module 1/Module 2 Failure  AVM Improvements  Sensor Test Remote Phone Access  FTC Access Codes Paging Voice	Adds touchpad Police (Zone 27), Fire (Zone 28) and Auxiliary (Zone 25) panics to Simon. Power must be cycled to activate the charging circuit (Fixed). 24 Hour Battery Test feature added. High Level Status feature added. Resistors were needed across the hardwire inputs to prevent Module 1 and Module 2 Failures (Not Fixed). Hardware improvements. Remote AVM session beeps every 10 seconds during AVM session. Beeps louder. Can not gain access if panel is in program mode. Opening/Closing report sent after remote phone session (Fixed). Gets logged in the event buffer. No longer able to delete or program same access code twice (Fixed). Multiple alarms to a pager a separated by dashes. Voice (Option 2) can be disabled at the panel but still will get voice through the phone.
Simon 2.3	AVM Improvements	Hardware improvements.

Version	Feature	Description of Issue or Additional Feature
Simon 2.4	Option 53  AVM Improvements AVM Beeps AVM Mode  Failsafe for Noise Interference	Hardwire Siren Supervision added so 47 K Ohm resistors no longer need to be placed across hardwire inputs (Fixed). Hardware improvements. AVM toggle beeps changed to be louder and similar to a DTMF tone. AVM comes in Listen-In Mode always (Fixed). Ack tone at hang-up or termination of two-way. Every 8 seconds, the microphone turns off for 200 <sup>milli</sup> microseconds.

**Table 2**

Programming Options	Simon 1	Simon 2.0	Simon 2.1	Simon 2.2	Simon 2.3	Simon 2.4
Options 1-11		Same as Simon 1	Same as Simon 1	Same as Simon 1	Same as Simon 1	Same as Simon 1
Options 12 and 13	IT1 and 4/2 Formats Used	SIA and CID Formats Used	SIA and CID Formats Used	SIA and CID Formats Used	SIA and CID Formats Used	SIA and CID Formats Used
Options 14-26		Same as Simon 1	Same as Simon 1	Same as Simon 1	Same as Simon 1	Same as Simon 1
Option 27	Ring/Hang/Ring for Toolbox	Ring/Hang/Ring for Toolbox and Remote Phone Access	Ring/Hang/Ring for Toolbox and Remote Phone Access	Ring/Hang/Ring for Toolbox and Remote Phone Access	Ring/Hang/Ring for Toolbox and Remote Phone Access	Ring/Hang/Ring for Toolbox and Remote Phone Access
Options 28-32		Same	Same	Same	Same	Same
Option 33	NA	Enable/Disable Audio Verification Module	Enable/Disable Audio Verification Module	Enable/Disable Audio Verification Module	Enable/Disable Audio Verification Module	Enable/Disable Audio Verification Module
Option 34	NA	Fail to Open	Fail to Open	Fail to Open	Fail to Open	Fail to Open
Option 35	NA	Fail to Close	Fail to Close	Fail to Close	Fail to Close	Fail to Close
Option 36	NA	Sensor Activated Light Lockout Start Time	Sensor Activated Light Lockout Start Time	Sensor Activated Light Lockout Start Time	Sensor Activated Light Lockout Start Time	Sensor Activated Light Lockout Start Time
Option 37	NA	Sensor Activated Light Lockout Stop Time	Sensor Activated Light Lockout Stop Time	Sensor Activated Light Lockout Stop Time	Sensor Activated Light Lockout Stop Time	Sensor Activated Light Lockout Stop Time
Option 38	NA	Auto Arm	Auto Arm	Auto Arm	Auto Arm	Auto Arm
Option 39	NA	Siren Timeout	Siren Timeout	Siren Timeout	Siren Timeout	Siren Timeout
Option 40	NA	Enable/Disable Trouble Beeps	Enable/Disable Trouble Beeps	Enable/Disable Trouble Beeps	Enable/Disable Trouble Beeps	Enable/Disable Trouble Beeps
Option 41	NA	Chime Voice	Chime Voice	Chime Voice	Chime Voice	Chime Voice
Option 42	NA	Speaker Level	Speaker Level	Speaker Level	Speaker Level	Speaker Level
Option 43	NA	Pager Phone Number	Pager Phone Number	Pager Phone Number	Pager Phone Number	Pager Phone Number
Option 44	NA	Pager Phone Mode 3	Pager Phone Mode 3	Pager Phone Mode 3	Pager Phone Mode 3	Pager Phone Mode 3
Option 45	NA	Sensor Alarm Restoral	Sensor Alarm Restoral	Sensor Alarm Restoral	Sensor Alarm Restoral	Sensor Alarm Restoral
Option 46	NA	Fire Shutdown—AVM	Fire Shutdown—AVM	Fire Shutdown—AVM	Fire Shutdown—AVM	Fire Shutdown—AVM
Option 47	NA	Audio Verification Mode	Audio Verification Mode	Audio Verification Mode	Audio Verification Mode	Audio Verification Mode
Option 48	NA	Panic Talk—AVM	Panic Talk—AVM	Panic Talk—AVM	Panic Talk—AVM	Panic Talk—AVM
Option 49	NA	Enable/Disable Rechargeable Battery	Enable/Disable Rechargeable Battery	Enable/Disable Rechargeable Battery	Enable/Disable Rechargeable Battery	Enable/Disable Rechargeable Battery
Option 50	NA	RF Jam Detect	RF Jam Detect	RF Jam Detect	RF Jam Detect	RF Jam Detect
Option 51	NA	NA	24 Hour Battery Test	24 Hour Battery Test	24 Hour Battery Test	24 Hour Battery Test
Option 52		NA	High Level Status	High Level Status	High Level Status	High Level Status
Option 53	NA	NA	NA	NA	Hardwire Siren Supervision	Hardwire Siren Supervision