

## Central Station SIA Protocol

Sensor name or Type	Express	Concord 1	Concord 2	Concord 2.5	Simon 2	Simon 3	Allegro	LifeGard
AC Power Failure	AT	AT	AT	AT	AT	AT	AT	
AC Power Restored	AR	AR	AR	AR	AR	AR	AR	
Alarm Cancel					OC	OC	OC	
Police Alarm Cancelled	PH	BH	PH	PH				
Auto Force Arm	CF	CF	CF	CF			CF	
Automatic Phone Test	RP	RP	RP	RP	RP	RP	RP	
Auxiliary Alarm Cancelled Touchpad	MH	PH	MH	MH				
Auxiliary Alarm Panic Touchpad	MA	PA	MA	MA	PA	PA	MA	
Burglary Alarm	BA	BA	BA	BA	BA	BA	BA	
Burglary Alarm Cancel	BH	BH	BH	BH				
Burglary Bypass	BB	BB	BB	BB	BB	BB		
Burglary Restoral	BR	BR	BR	BR	BR	BR		
Burglary Supervisory	BS	BS	BS	BS	BS	BS	BS	
Burglary Trouble Restore	BJ	BJ	BJ	BJ	BJ	BJ		
Burglary Unbypass	BU	BU	BU	BU	BU	BU		
Burglary: Trouble	BT	BT	BT	BT	BT	BT		
Bus Module Tamper	ET	ET	ET	ET				
Callback					*	*		
Closing Report	CL	CL	CL	CL	CL	CL	CL	
Duress Alarm	HA	HA	HA	HA	HA	HA	HA	
Early to Close		CK	CK	CK				
Early to Open		OK	OK	OK				
Emergency Alarm	QA	QA	QA	QA	QA	QA	QA	
Emergency Alarm Cancel	QH	QH	QH	QH				
Emergency Bypass	QB	QB	QB	QB	QB	QB		
Emergency Restoral	QR	QR	QR	QR	QR	QR		
Emergency Supervisory	QS	QS	QS	QS	QS	QS	QS	
Emergency Trouble	QT	QT	QT	QT	QT	QT		
Emergency Trouble Restore	QJ	QJ	QJ	QJ	QJ	QJ		
Emergency Unbypass	QU	QU	QU	QU	QU	QU		
Energy Saver <Freeze Limit		ZA	ZA	ZA				
Energy Saver Alarm is Cancelled		ZH	ZH	ZH				
Energy Saver Enabled		ZT						
Entering Installer Programming			LB	LB		LB		
Entering Sensor Test	TS		TS	TS			TS	
Equipment Failure (TIM EEPROM)							IA	
Events Report	JL	JL	JL	JL				
Exit Fault							EE	
Exiting Installer Programming			LX	LX		LX		
Exiting Sensor Test	TE		TE	TE			TE	
Fail to Close		CI	CI	CI	CI	CI		

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Fail to Open		OI	OI	OI	OI	OI		
Fire Alarm	FA	FA	FA	FA	FA	FA	FA	
Fire Alarm Cancel	FH	FH	FH	FH	FC	FC	FC	
Fire Bypass	FB	FB	FB	FB	FB	FB	FB	
Fire Panic Touchpad	FA	FA	FA	FA	FA	FA	FA	
Fire Restoral	FR	FR	FR	FR	FR	FR	FR	
Fire Supervisory	FS	FS	FS	FS	FS	FS	FS	
Fire Trouble	FT	FT	FT	FT	FT	FT	FT	
Fire Trouble Restore	FJ	FJ	FJ	FJ				
Fire Unbypass	FU	FU	FU	FU	FU	FU		
Force Armed	CW	CW	CW	CW	CW	CW	CW	
Freeze Alarm	ZA	ZA	ZA	ZA	ZA	ZA		
Freeze Alarm Cancel	ZH	ZH	ZH	ZH	ZC	ZC		
Freeze Bypass	ZB	ZB	ZB	ZB	ZB	ZB		
Freeze Restoral	ZR	ZR	ZR	ZR	ZR	ZR		
Freeze Supervisory	ZS	ZS	ZS	ZS	ZS	ZS		
Freeze Trouble	ZT	ZT	ZT	ZT	ZT	ZT		
Freeze Trouble Restore	ZJ	ZJ	ZJ	ZJ	ZJ	ZJ		
Freeze Unbypass	ZU	ZU	ZU	ZU	ZU	ZU		
Gas Alarm	GA		GA	GA	GA	GA	GA	
Gas Alarm Cancel	GH		GH	GH				
Gas Bypass	GB		GB	GB	GB	GB		
Gas Restoral	GR		GR	GR	GR	GR		
Gas Supervisory	GS		GS	GS	GS	GS	GS	
Gas Trouble	GT		GT	GT	GT	GT	GT	
Gas Trouble Restore	GJ		GJ	GJ				
Gas Unbypass	GU		GU	GU	GU	GU	GU	
Latchkey					CT	CT		
Late to Close		CJ	CJ	CJ				
Late to Open		OJ	OJ	OJ				
Listen In					L90	L90		
Low Panel Battery	YT	YT	YT	YT	YT	YT	YT	
Low Panel Battery Restored	YR	YR	YR	YR	YR	YR	YR	
Manual Phone Test	RX	RX	RX	RX	RX	RX	RX	
Marginal Two Way Device Com.							ET	
Medical Prescription Missed								
No Activity	NA	NA	NA	NA	NA	NA		
No Activity Alarm Cancelled	NS	NS	NS	NS	NS	NS		
Opening Report	OP	OP	OP	OP	OP	OP	OP	
Panel Back in Service	RR	RR	RR	RR				
Panel Tamper					TA	TA	TA	
Panel Tamper Restore			TR	TR				
Panic Alarm	PA	PA	PA	PA	PA	PA	PA	
Panic Alarm Cancel	PH	PH	PH	PH	PC	PC	PC	
Panic Bypass	PB	PB	PB	PB	PB	PB	PB	
Panic Restoral	PR	PR	PR	PR				

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Panic Supervisory	PS	PS	PS	PS	PS	PS	PS	
Panic Trouble	PT	PT	PT	PT	PT	PT	PT	
Panic Trouble Restore	PJ	PJ	PJ	PJ	PJ	PJ	PJ	
Panic Unbypass	PU	PU	PU	PU	PU	PU		
Phone Failure			YC	YC				
Phone Line Back Up [Not Sent]			YK	YK				
Phone Line Restore			LR	LR				
Phone Trouble			LT	LT				
Police Panic Touchpad	PA	BA	PA	PA	BA	BA	PA	
Receiver Jammed	XQ	XQ	XQ	XQ	XQ	XQ	XQ	
Receiver Supervisory	XS	XS					XS	
Recent Closing	CR		CR	CR			CR	
Smoke Detector Reset				FR				
Tamper Restore Touchpad	JP	JP	JP	JP				
Tamper Touchpad	JA	JA	JA	JA				
Temp. >Freeze Limit +5		ZR	ZR	ZR				
Temp. Data not received from ES		ZT	ZT	ZT				
TIM Lost							YC	
Transmitter Battery Resoral					XR	XR		
Transmitter Battery Trouble					XT	XT	XT	
Two Trip Error	XM		XM	XM				
Untyped Alarm		UA	UA	UA	UA	UA	UA	
Untyped Alarm Cancel		UH	UH	UH				
Untyped Bypass		UB	UB	UB	UB	UB	UB	
Untyped Restoral		UR	UR	UR	UR	UR		
Untyped Supervisory		US	US	US	US	US		
Untyped Trouble		UT	UT	UT	UT	UT		
Untyped Trouble Restore		UJ	UJ	UJ	UJ	UJ		
Untyped Unbypass		UU	UU	UU	UU	UU		
Untyped Zone Bypassed							UB	
Untyped Zone Supervisory							US	
Wireless Touchpad LB Restore					XR	XR		
Wireless Touchpad Low Battery		XT	XT	XT				
Wireless Touchpad Supervisory		US	US	US				

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First Character	Sensor Groups	Express	Concord 1	Concord 2	Concord 2.5	Simon 2	Simon 3	Allegro	LifeGuard	
	00-01	P	P	P	P	P	P	P	P	
	02-03	P	P	P	P	P	P	P	P	
	04-07	Q	Q	Q	Q	Q	Q	Q	Q	
	08-09	B	B	B	B	B	B	B	B	
	10-12	B	B	B	B	B	B	B	B	
	13	B	B	B	B	B	B	B	B	
	14-20	B	B	B	B	B	B	B	B	
	21-25									
	26	F	F	F	F	F	F	F	F	
	27-28									
	29	Z	Z	Z	Z	Z	Z	Z	Z	
	32							W	W	
	33	U		U	U	U	U	U	U	
	34	G		G	G	G	G	G	G	
35	B		B	B						
36								U		

Second Character	Report Classification	Express	Concord 1	Concord 2	Concord 2.5	Simon 2	Simon 3	Allegro	LifeGuard	
	Alarm	A	A	A	A	A	A	A	A	
	Bypass	B	B	B	B	B	B	B	B	
	Alarm Cancel	H	H	H	H			C		
	Trouble Restore	J	J	J	J					
	Restoral	R	R	R	R	R	R	R	R	
	Supervisory	S	S	S	S	S	S	S	S	
	Trouble	T	T	T	T	T	T	T	T	
	Unbypass	U	U	U	U	U	U	U		

## Central Station SIA Protocol

Misc. Zone Classification	Express	Concord 1	Concord 2	Concord 2.5	Simon 2	Simon 3	Allegro	
System	00	00	00	00	00	00	00	
Normal Sensors	01-99	01-99	01-99	01-99	01-24	01-24	01-20	
User Code	600-699	100-199	600-699	600-699	31-35	31-35	31-36	
Bus Device	500-595	200-299	500-595	500-595	--	--	--	
TP Aux Panic	597	--	597	597	25	25	97	
TP Police Panic	598	--	598	598	27	27	98	
TP Fire Panic	599	--	599	599	28	28	99	
Premise Phone	--	900	900	900	--	--	--	
Remote Access	--	902	902	902	--	--	--	
Keyswitch Arming	908	908	908	908	--	--	--	
Reboot or CPU Failure	909	909	909	909	--	--	--	
Panel Tamper	--	--	--	--	26	26	--	
During Phone Conversation	--	901	--	--	--	--	--	
RF TP Zones	--	300-399	--	--	--	--	--	
Misc. Zones	900-999	900-999	900-999	900-999	--	--	--	
Duress Code					36	36	37	
Master Code					30	30	30	

\*Audio Call Back

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