	SC-GSM	SC-GPRS	SC-GPRS-R	SC-2G	SC-3G	Singular Wifi	Singular W2G	Singular W3G	Singular W4G
HARDWARE Specifications			**GSM/GPRS communicators**				**WIFI communicators**		
Contact signal inputs	2	2	2	1	1	–	–	–	–
Controlled outputs	–	–	1	1	1	2	2	2	2
Emulated Phone line (TIP/RING)	Yes	Yes	–	Yes	Yes	Yes	Yes	Yes	Yes
PSTN line backup, forwarding to phone device	–	–	–	Yes	Yes	–	–	–	–
Status signaling with multicolor LED light	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
USB Connection for local programing	Yes	Yes	Yes	Yes	Yes	–	–	–	–
Serial port connection for alarm remote programming	–	–	–	Yes	Yes	Yes	Yes	Yes	Yes
Acoustic supervision	–	–	–	Yes	Yes	Yes	Yes	Yes	Yes
Removable terminals	–	–	–	Yes	Yes	Yes	Yes	Yes	Yes
Metal housing	–	–	–	Optional	Yes	Yes	Yes	Yes	Yes
Device Features									
Transmission chanels	GSM VOICE 6 SMS	GPRS	GPRS	GPRS	HSPA / GPRS	Wifi	Wifi / GPRS	Wifi / HSPA	Wifi / LITE
Contact ID messages forwarding	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes
Number of adressable monitoring receives	2	2	2	2	2	2	2	2	2
Communication protocol to monitoring receiver	Contact ID/Voice	SIA DC-09	SIA DC-09	SIA DC-09	SIA DC-09	SIA DC-09	SIA DC-09	SIA DC-09	SIA DC-09
Transmission for onboard input state change	Yes	Yes	Yes	Yes	Yes	–	–	–	–
PSTN supervision signaling	–	–	–	Yes	Yes	–	–	–	–
Transmission for change of programming	–	–	–	Yes	Yes	Yes	Yes	Yes	Yes
Transmission direction selecting with dialed phone number	–	–	–	Yes	Yes	–	–	–	–
Overwriting the user identification number	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Report forwarding regardless on phone number dialed	Yes	Yes	–	Yes	Yes	Yes	Yes	Yes	Yes
Customizing test report code	–	–	–	Yes	Yes	Yes	Yes	Yes	Yes
Possible interconnection with backup communicator	–	–	–	Yes	Yes	–	–	–	–
Password protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
WEB SERVICE FUNCTIONS									
Remote device setting, status check	–	SMS commands	SMS commands	Yes	Yes	Yes	Yes	Yes	Yes
Firmware upload through WEB site	–	–	–	Yes	Yes	Yes	Yes	Yes	Yes
Transparent serial port for remote programming of alarm panel	–	–	–	Yes	Yes	Yes	Yes	Yes	Yes
Controll outputs	–	–	–	Yes	Yes	Yes	Yes	Yes	Yes
Device restart	–	–	–	Yes	Yes	Yes	Yes	Yes	Yes
Force the alarm panel connection to PSTN terminals	–	–	–	Yes	Yes	–	–	–	–
SMARTPHONE FUNCTIONS									
Remote arming/disarming with onboard relay (keyswitch)	–	–	–	Yes	Yes	Yes	Yes	Yes	Yes
Selectable "push notification" on CID messages	–	–	–	Yes	Yes	Yes	Yes	Yes	Yes
PHONE CALL FUNCTIONS									
SMS/voice call for selected Contact ID report (32 different events)	Yes	–	–	–	–	–	–	–	–
Signaling to 4 separate phone numbers	Yes	–	–	–	–	–	–	–	–
SMS forwarding for all incomming messages (prepayed credit,...)	Yes	–	–	–	–	–	–	–	–