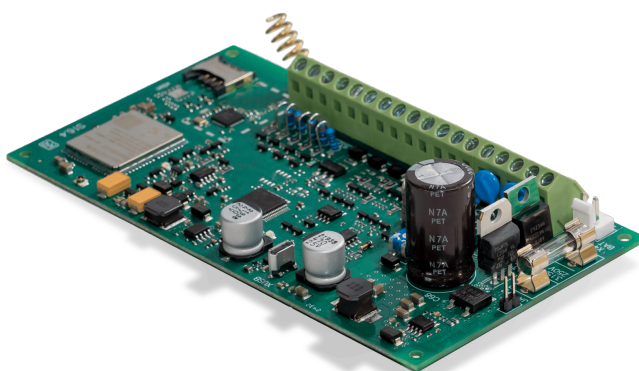




ESIM CONTROL PANEL S32GE

Hybrid eSIM-enabled cellular security control hub with expandable wired and wireless zones and mobile app-based remote system control.



Wireless



Wired



Supports Zones 32



Multiple scenarios
& zone types



eSIM / Cellular

HYBRID CONNECTIVITY (ESIM & CELLULAR)

Hybrid control panel with built-in eSIM and cellular connectivity for reliable system communication.

INTEGRATED ESIM DATA PLAN

Built-in eSIM with a prepaid 10-year data plan*, eliminating the need for an external SIM card.

HYBRID & EXPANDABLE ARCHITECTURE

Expandable security control panel with support for mixed wired and wireless zones up to 32 total zones.

REMOTE SYSTEM CONTROL VIA APP

Security control platform with remote system control and monitoring via the Teltonika Security Systems mobile app.

Main features

Alarm system concept	Hybrid modular system
Maximum zones in system	32
On-board wired zones	5/10 (doubling)
On-board wireless zones	32
2-wire smoke detector input	1
On-board PGM	3
Maximum PGM in system	16
User + installer codes	31 + 1
Duress code	X1, X2, X3, X4 (when X4 = X4 + 1)
Defaulting user code	Yes
Key switch zone	Yes
Partitions	4
"Shared" partition (common area)	Yes
System timers	16
Maximum keypads/modules in system	15
Event log buffer	256 (with keypad 512)
In-built interface for backup communicator	-
Data bus protocol	KRBUS
"Roller" detector type	Yes
"Vibration" detector type	Yes
"Vibration" zone speed (sensitivity)	0.01 - 0.25 sec.
Normal zone speed (sensitivity)	0.1 - 2.5 sec.
Wired zone loop (detector) type	NC, NO, NC/EOL, NO/EOL, NC/DEOL, NO/DEOL, Vibration, Roller
Arming mode	Away, Max Away, Night, Stay.

Zone definition	Entry/exit, entry/exit forced, interior, interior night armed, follower, follower night armed, perimeter, instant, PGM control; 24h: burglary, panic silent, panic audible, tamper, fire, smoke, fire button, medical button, fire supervisory, low water level, RF Jam, gas detected, water leakage, high temperature, low temperature
Zone attributes	Enable bypass, no alarm, arm when door is closed, entry route, exit route, fire verification, limitation of alarms, limitation of reporting, pre-alarm, armed night
PGM definition	Fire alarm, fire/burglary alarm, burglary alarm, tamper alarm, technical alarm, selected alarms, chime, zone violation, bypass status, selected trouble, exit/entry warning, exit/arm status, full arm status, power supply, resettable power supply, fire power supply, timer, mono/bi switch
PGM attributes	Inversion, pulsation, latch, pre-alarm, arm notification, arming failure notification, disarm notification, clear alarm notification, armed in specific mode
Communication channels	Built - in 2G / LTE CAT1 modem
eSIM	Yes
eSIM-enabled services	Cellular data
Duration of eSIM-enabled services	10 years or 500 MB data allowance, whichever comes first. See terms of use.
Internet Control (app required)	Yes (up to 10 users via app)
SMS Control (app or SMS)	-
Voice Call Control (keypad input during call)	Yes
Max number of recipients/users per SMS/voice calls	Yes
External SIM slot size	5 (SMS only)
SMS text language	Micro SIM
Reporting to CMS format	CID by GPRS/LTE CAT1
Reporting protocols for CMS	E2 (Enigma), FIBRO (Sur-gard), CSV (Patriot), SIA
Compatible with SG-SYSTEM II , III IP card	Yes
Rated voltage of power supply (AC)	~20 V
Minimum AC voltage (note: ~16 V input voltage lets control panel to generate max 0.7 A output current)	~16 V

Maximum AC voltage (Note: higher than ~22 V voltage can damage control panel)	~22 V
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Maximum long term output current of control panel (I+AUX + I+BELL + I+PGM + battery charge)	≤0.7 A
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Maximum current of slow blowing fuse used in primary AC	250 mA
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Maximum AC power consumption	150 mA
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Minimum voltage on +AUX, +BELL, +PGM outputs	12 V
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Maximum voltage on +AUX, +BELL, +PGM outputs	13.9 V
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Maximum current out of +AUX	+0.5 A
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Maximum current out of +BELL	+2 A
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Maximum current into - PGM/-PGM1	-0.15 A
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Maximum current into - PGM2	-0.15 A
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Maximum current out of +PGM	-
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Short circuit, overload protection of +BELL, +PGM, +AUX	Electronic
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Battery charge, +BELL, +AUX current measurement	Yes
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Failed (waste) backup battery disconnection	Yes
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Maximum battery charging current	+0.2 A
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Maximum current of fast blowing fuse used in battery circuit	2.5 A
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Control panel disconnect battery when it's voltage less than	9.5 V
Recommended backup battery	12 V, 7 Ah / 20 Hr
Operational compliance	EN50131, Grade2
Overall dimensions W x H in mm	145 x 77
Environmental compliance	ROHS
Operating temperature	-10oC up to +50oC
Interface with PC	micro USB