



CELLULAR CONTROL PANEL | S32GM

Hybrid 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



Cellular

HYBRID CONNECTIVITY (CELLULAR)

Hybrid control panel with cellular connectivity for reliable system communication.

HYBRID & EXPANDABLE ARCHITECTURE

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

MULTIPLE ZONE TYPES & SCENARIOS

Security system with support for intrusion, fire, tamper, vibration, roller, and other zone types.

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)
Internet Control (app required)	Yes (up to 10 users via app)
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	-
eSIM-enabled services	-
Duration of eSIM-enabled services	-
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 total (shared between SMS and voice calls)
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
Maximum long term output current of control panel (I+AUX + I+BELL + I+PGM + battery charge)	≤0.7 A
Maximum current of slow blowing fuse used in primary AC	250 mA
Maximum AC power consumption	150 mA
Minimum voltage on +AUX, +BELL, +PGM outputs	12 V
Maximum voltage on +AUX, +BELL, +PGM outputs	13.9 V
Maximum current out of +AUX	+0.5 A
Maximum current out of +BELL	+2 A
Minimum voltage on +AUX, +BELL, +PGM outputs	12 V
Maximum voltage on +AUX, +BELL, +PGM outputs	13.9 V
Maximum current into -PGM/-PGM1	-0.15 A
Maximum current into -PGM2	-0.15 A
Maximum current out of +PGM	-
Short circuit, overload protection of +BELL, +PGM, +AUX	Electronic
Battery charge, +BELL, +AUX current measurement	Yes
Failed (waste) backup battery disconnection	Yes

Maximum battery charging current	+0.2 A
Maximum current of fast blowing fuse used in battery circuit	2.5 A
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