

## Datasheet



P32 / P64

## Hybrid control panel with 32/64 zones

New generation, hybrid control panels suitable for objects which require up to 64 detectors. P series panels compared to PAS, are supplemented with a 2-wire smoke detector control circuit and a reception module for wireless sensors signals. In addition, P series has an option to safely connect these interchangeable plug-in communicators: GSVu, PSTP. Two different P series panel models are available - P32, P64, and accordingly are suitable for 32, 64 wired or wireless detectors.



Features	P32	P64
<b>Alarm system concept</b>	Hybrid modular system	
<b>On-board wired zones</b>	7/14 (doubling)	
<b>2-wire smoke detector input</b>	1	
<b>On-board wireless zones</b>	32	64
<b>Maximum zones in system</b>	32	64
<b>On-board PGM</b>	3	
<b>Maximum PGM in system</b>	16	
<b>User + installer codes</b>	31+1	63+1
<b>Duress code</b>	X1, X2, X3, X4 (when X4 = X4 + 1)	
<b>Defaulting user code</b>	Yes	
<b>Key switch zone</b>	Yes	
<b>Partitions</b>	4	
<b>"Shared" partition (common area)</b>	Yes	
<b>System timers</b>	16	
<b>Maximum keypads/modules in system</b>	15	
<b>Keypad compatibility</b>	All SECOLINK keypads	Only KM24G, KM25
<b>Event log buffer</b>	512	
<b>Data bus protocol</b>	KRBUS	
<b>Total phone numbers: CMS reporting + personal dialing</b>	9	
<b>Maximum phone numbers for personal dialing</b>	Up to 5	
<b>Maximum phone numbers for CMS reporting</b>	Up to 4	
<b>Reporting protocol</b>	Contact ID	
<b>Voice guide for system control over PSTN</b>	Yes	
<b>Voice guide for system programming over PSTN</b>	Yes	
<b>"Roller" detector type</b>	Yes	
<b>"Vibration" detector type</b>	Yes	
<b>"Vibration" zone speed (sensitivity)</b>	0.01 - 0.25 sec.	
<b>Normal zone speed (sensitivity)</b>	0.1 - 2.5 sec.	
<b>Zone loop (detector) type</b>	NC, NO, NC/EOL, NO/EOL, NC/DEOL, NO/DEOL, Vibration, Roller	
<b>Arming mode</b>	Away, Max Away, Night, Stay	
<b>Zone definition</b>	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	
<b>Zone attributes</b>	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	
<b>PGM definition</b>	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	
<b>PGM attributes</b>	Inversion, pulsation, latch, pre-alarm, arm notification, arming failure notification, disarm notification, clear alarm notification, armed in specific mode	

Features	P32	P64
<b>Rated voltage of power supply (AC)</b>	~20 V	
<b>Minimum AC voltage</b> (note: ~16 V input voltage lets control panel to generate max 0.7 A output current)	~16 V	
<b>Maximum AC voltage</b> (Note: higher than ~22 V voltage can damage control panel)	~22 V	
<b>Maximum long term output current of control panel</b> (I+AUX + I+BELL + I+PGM + battery charge):	≤2.0 A	
<b>Maximum current of slow blowing fuse used in primary AC</b>	250 mA	
<b>Maximum AC power consumption</b>	150 mA	
<b>Minimum voltage on +AUX, +BELL, +PGM outputs</b>	12 V	
<b>Maximum voltage on +AUX, +BELL, +PGM outputs</b>	13.9 V	
<b>Maximum current out of +AUX</b>	+1 A	
<b>Maximum current out of +BELL</b>	+2 A	
<b>Maximum current into -PGM</b>	-0.3 A	
<b>Maximum current out of +PGM</b>	+0.9 A	
<b>Short circuit, overload protection of +BELL, +PGM, +AUX</b>	Electronic	
<b>Battery charge, +BELL, +AUX current measurement</b>	Yes	
<b>Failed (waste) backup battery disconnection</b>	Yes	
<b>Maximum battery charging current</b>	0.35 A	
<b>Maximum current of fast blowing fuse used in battery circuit</b>	3.15 A	
<b>Control panel disconnect battery when it's voltage less than</b>	9.5 V	
<b>Recommended backup battery</b>	12 V, 7 Ah / 20 Hr	
<b>Operational compliance</b>	EN50131, Grade2	
<b>Overall dimensions W x H in mm</b>	145 x 77	
<b>Environmental compliance</b>	ROHS	
<b>Operating temperature</b>	-10°C up to +50°C	
<b>Production status</b>	In production	
<b>Interface with PC</b>	USB mini-B	



# SECOLink

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## ΗΛΚΑ Α.Ε.

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