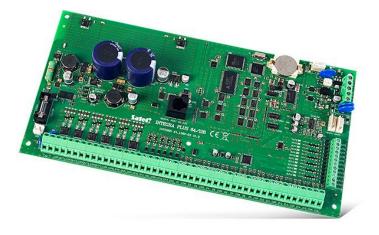


INTEGRA 64 Plus

Due to their full compliance with the requirements of EN50131 Grade 3, the INTEGRA Plus control units are perfectly fit for implementation of advanced security systems at locations with particularly high risk of burglary, such as banks, jewellery stores or public utility facilities. The control units are characterised by extended functionality, due to which they can be used for implementation of access control systems or even intelligent building solutions.

- full compliance with EN50131 series of standards for Grade 3 equipment
- built-in advanced 2 A+1.5 A power supply with extended autodiagnostics
- up to 64 zones with programmable EOL value and support for 3 EOL configuration
- USB port for programming via PC
- up to 32 partitions, 8 objects
- up to 64 fully programmable outputs
- dedicated buses for communication with keypads and expansion modules
- system operation via touchscreen keypads, LCD keypads, partition keypads, remote control keyfobs or proximity cards
- remote system operation with PC, smartphone or voice-guided telephone menu
- 64 independent timers for automatic control
- access control and home automation features
- non-volatile event log with 5631 entries, with on-line printing support
- support for 192+8+1 user codes
- firmware upgrades via PC
- option of not reporting possible problems with connecting to the SATEL server as a failure





Element or circuits up to 84 Environmental class according to EN50130-5 I Communication buses 16 Communication buses 64 Maximum number of programmable inputs 64 Maximum humidity 93:33% Maximum current consumption from the battery 200 mA Maximum current consumption from the battery 400 mA Maximum current consumption from the 230V network 400 mA Maximum battery charging current 1500 mA Keypads 10.50 mA Weight 30:09 Battery cut-off voltage (£10%) 10.5V Power supply output voltage 10.5.14 VDC Supply voltage (£15%) 20 VAC, 50 60 ½ Battery fallure voltage threshold (£10%) 11 V Elephone numbers for nordification (voice)PAGER + SMS) 16 16 Carrying capacity of the -EX1 and -EX2 outputs (£10%) 3000 mA Low current programmable outputs rating 3000 mA Carrying capacity of the -EX1 and -EX2 outputs (£10%) 3000 mA Carrying capacity of the -EX1 and -EX2 outputs (£10%) 3000 mA Carrying capacity of the -EX1 and -EX	Installer-defined text messaged	64
Voice messages 16 Communication buses 1+2 Maximum number of programmable inputs 64 Maximum humidity 9835% Maximum consumption from the battery 200 mA Maximum current consumption from the battery 400 mA Maximum current consumption from the 230V network 400 mA Maximum battery charging current 1500 mA Keypads 105 V Weight 320 g Battery cut-off voitage (£10%) 10,5 V Power supply output voitage 10,5 V Supply voltage (£10%) 20 VAC, 59-60 Hz Battery failure voitage threshold (£10%) 11 V Telephone numbers for notification (voicePAGER+ SMS) 11 V Carrying capacity of the -EXT and +EXZ outputs (£10%) 3000 mA Low current programmable outputs rating 3000 mA Carrying capacity of the +EXT and +EXZ outputs (£10%) 3000 mA Carrying capacity of the +EXT and +EXZ outputs (£10%) 3000 mA Current consumption from the 230V network in standby 135 mA Current consumption from the 230V network in standby 30 Current consumpti	Extender circuits	up to 64
Communication bioses 11-2 Maximum number of programmable inputs 64 Maximum number of programmable outputs 64 Maximum number of programmable outputs 93:3% Maximum current consumption from the battery 200 mA Maximum burnett consumption from the battery 400 mA Maximum buttery charging current 1500 mA Keypads 10,5 M Weight 300 mA Battery cut-off voltage (±10%) 10,5 M Power supply output voltage 10,5 M Supply voltage (±10%) 20 VAC,50-60+12 Battery failure voltage threshold (±10%) 11 V Telepone numbers for notification (volce-PAGER+ SMS) 16+16 Carrying capacity of the +EXT and +EXZ outputs (±10%) 3000 mA Carrying capacity of the +EXP and +EXZ outputs (±10%) 3000 mA Carrying capacity of the +EXP output (±10%) 3000 mA Carrying capacity of the +EXP output (±10%) 3000 mA Current consumption from the 230 retord (*10 m) 5631 Current consumption from the 230 retord (*10 m) 300 mA Seartity grade according to EN 50311 40 d	Environmental class according to EN50130-5	ll l
Maximum number of programmable outputs 64 Maximum number of programmable outputs 39.3% Maximum number of programmable outputs 39.3% Maximum current consumption from the battery 200 mA Maximum battery charging current 600 mA Keypads up to 8 Weight 30.5 Statery cut-of voltage (£10%) 10.5 v Power supply output voltage 10.5.14 VDC Supply output voltage (£10%) 20 VAC,05-60 Hz Statery fallur outlage thereon to voltage threshold (£10%) 11 V Telephone numbers for notification (voice/PAGER + SMS) 16-16 Carrying capacity of the +EX1 and +EX2 outputs (£10%) 3000 mA Heyen fund capacity of the +EX1 and +EX2 outputs (£10%) 3000 mA Low current programmable outputs rating 3000 mA Cavernet consumption from the 200 retwork in standby 35 Sm Current consumption from battery - standby 300 mA Security grade according to EN 50131 6xade 3 Partitions 6xade 3 Finance 6xade 3 Power supply current efficiency (supplying devices + charging batteries) 300 + 1500	Voice messages	16
Maximum number of programmable outputs 64 Maximum humidity 93:93% Maximum current consumption from the battery 20 mA Maximum current consumption from the 230V network 400 mA Maximum battery charging current 1500 mA Keypads up to 8 Weight 320 g Battery cut-off voltage (£10%) 10,54 VDC Power supply output voltage 110,5-14 VDC Supply voltage (£15%) 20 VAC,50-60 Hz Battery failure voltage threshold (£10%) 11 V Telephone numbers for notification (voice/PAGER + SMS) 11 V Telephone numbers for notification (voice/PAGER + SMS) 3000 mA Low current programmable outputs rating 3000 mA Low current programmable outputs rating 3000 mA Event log 5631 Current consumption from the 230V network in standby 3000 mA Event log 63 Current consumption from battery - standby 135 mA Current consumption from battery - standby 30 Security grade according to EN 50131 64 Users A Administrators 16 <td>Communication buses</td> <td>1+2</td>	Communication buses	1+2
Maximum humidity 93±3% Maximum current consumption from the battery 200 mA Maximum burrent consumption from the 230V network 400 mA Maximum battery charging current 1500 mA Keypads up b 8 Weight 320 g Battery cut-off voltage (±10%) 10,5 V Power supply output voltage 10,5 L4 VDC Supply voltage (±15%) 20 VAC, 50-60 Hz Statery failure voltage threshold (±10%) 11 V Telephone numbers for notification (volcei PAGER+ SMS) 16+16 Carrying capacity of the +EX1 and +EX2 outputs (±10%) 3000 mA Low current programmable outputs rating 3000 mA Event log 5631 Current consumption from the 230V network in standby 15 mA Event consumption from the 230V network in standby 135 mA Security grade according to EN 5031 64 Current consumption from battery - standby 130 mA Security grade according to EN 5031 64 Users + Administrators 64 Users + Administrators 16 Floorer sumpbly current efficiency (supplying devices + chargin	Maximum number of programmable inputs	64
Maximum current consumption from the battery 400 mA Maximum current consumption from the 230V network 400 mA Maximum battery charging current 1500 mA Keypads up to 8 Weight 320 g Battery cut-off voltage (±10%) 10,5 tV Power supply output voltage 20 VAC, 50-60 Hz Battery classes (±15%) 20 VAC, 50-60 Hz Battery failure voltage threshold (±10%) 11 V Telephone numbers for notification (volce-PAGER + SMIS) 16-16 Carrying capacity of the +EX1 and +EX2 outputs (±10%) 3000 mA Low current programmable outputs rating 50 mA Light current programmable outputs rating 3000 mA Event log 5631 Objects 8 Current consumption from the 230V network in standby 155 mA Current consumption from the 230V network in standby 150 mA Security grade according to EN 50131 64 Current consumption from battery - standby 130 mA Security grade according to EN 50131 64 Gover supply current efficiency (supplying devices + charging batteries) 200 + 1500 mA	Maximum number of programmable outputs	64
Maximum current consumption from the 230V network 400 mA Maximum battery charging current 1500 mA Keypads up to 8 Weight 320 g Battery cut-off voltage (±10%) 10,5 V Power supply output voltage 10,5 L4 V DC Supply voltage (±15%) 20 V AC,50-60 Hz Battery failure voltage threshold (±10%) 11 V Telephone numbers for notification (volce/PAGER+ SMS) 16+16 Carrying capacity of the +EX1 and +EX2 autputs (±10%) 3000 mA Low current programmable outputs rating 50 mA High current programmable outputs rating 50 mA Carrying capacity of the +KPD output (±10%) 3000 mA Event log 5631 Objects 8 Current consumption from the 230V network in standby 135 mA Current consumption from bthe 230V network in standby 135 mA Eventity grade according to EN 5031 64 Uses a Administrators 120 + 8 Programmable wired inputs 16 Ower supply current efficiency (supplying devices + charging batteries) 2000 + 1500 mA Programmable wired ou	Maximum humidity	93±3%
Maximum battery charging current 1500 mA Keypads up to 8 Weight 320 g Battery cut-off Voltage (£10%) 10,5 V Power supply output voltage 10,5 L4 V DC Supply voltage (£15%) 20 V AC, 50-60 Hz Battery stallure voltage threshold (£10%) 1 V Telephone numbers for notification (volce/PAGER+ SMS) 16+16 Carrying capacity of the +EX1 and +EX2 outputs (£10%) 3000 mA Use current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Event log 5631 Objects 8 Current consumption from the 230V network in standby 135 mA User consumption from battery - standby 130 mA Security grade according to EN 50131 Grade 3 Programmable wired inputs 16 Users + Administrators 182 e Programmable wired inputs 16 Programmable wired outputs 16 Supplying outputs 3 Board dimensions 264 x 134 mm Operating tween outputs 16	Maximum current consumption from the battery	200 mA
Keypads up to 8 Weight 320 g Battery cut-off voltage (±10%) 10,5 V Power supply output voltage 105,-14 VDC Supply voltage (±15%) 20 VAC,50-60 Hz Battery failure voltage threshold (±10%) 11 V Telephone numbers for notification (voice/PAGER + SMS) 16+16 Carrying capacity of the +EX1 and +EX2 outputs (±10%) 3000 mA Low current programmable outputs rating 50 mA High current programmable outputs frating 3000 mA Carrying capacity of the +KPD output (±10%) 3000 mA Event log 5631 Objects 8 Current consumption from the 230V network in standby 135 mA Current consumption from battery - standby 130 mA Security grade according to EN 50131 Grade 3 Partitions 32 Times 64 Users + Administrators 16 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 2000+1500 mA Programmable wired outputs 16 Supplying outputs <td>Maximum current consumption from the 230V network</td> <td>400 mA</td>	Maximum current consumption from the 230V network	400 mA
Weight 320 g Battery cut-off voltage (±10%) 10,5 V Power supply output voltage 105.14 V DC Supply voltage (±15%) 20 V AC, 55.60 Hz Battery failure voltage threshold (±10%) 11 V Telephone numbers for notification (voice/PAGER + SMS) 16+16 Carrying capacity of the +EX1 and +EX2 outputs (±10%) 3000 mA Low current programmable outputs rating 3000 mA High current programmable outputs rating 3000 mA Event log 6631 Objects 8 Current consumption from the 230V network in standby 135 mA Current consumption from battery - standby 130 mA Security grade according to EN 50131 Grade 3 Partitions 32 Timers 64 Users + Administrators 192 + 8 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 200 + 1500 mA Programmable wired inputs 3 Supplying outputs 3 Goard dimensions 264 x 134 mm Operating temperature range <td>Maximum battery charging current</td> <td>1500 mA</td>	Maximum battery charging current	1500 mA
Battery cut-off voltage (±10%) 10,5 V Power supply output voltage 10,5.14 V DC Supply voltage (£15%) 20 V AC, 50-60 Hz Battery failure voltage threshold (£10%) 11 V Telephone numbers for notification (voice/PAGER + SMS) 16+16 Carrying capacity of the +EX1 and +EX2 outputs (£10%) 3000 mA Low current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Carrying capacity of the +KPD output (£10%) 3000 mA Event log 5631 Objects 8 Current consumption from the 230V network in standby 135 mA Security grade according to EN 50131 Grade 3 Partitions 32 Timers 64 Users + Administrators 192 + 8 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 2000 + 1500 mA Programmable wired outputs 3 Supplying outputs 3 Board dimensions 264 x 134 mm Operating temperature range 10+65 °C	Keypads	up to 8
Power supply output voltage 10.514 V DC Supply voltage (±15%) 20 V AC, 50-60 Hz Battery failure voltage threshold (±10%) 11 V Telephone numbers for notification (voice/PAGER + SMS) 16+16 Carrying capacity of the +EXT and +EXZ outputs (±10%) 3000 mA Low current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Carrying capacity of the +KPD output (±10%) 3000 mA Event log 5631 Objects 8 Current consumption from the 230V network in standby 135 mA Current consumption from battery - standby 130 mA Security grade according to EN 50131 Grade 3 Partitions 32 Timers 64 Users + Administrators 192 + 8 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 2000 + 1500 mA Programmable wired outputs 3 Board dimensions 264 x 134 mm Operating temperature range 1-10+65 °C	Weight	320 g
Supply voltage (±15%) 20 V AC, 50-60 Hz Battery failure voltage threshold (±10%) 11 V Telephone numbers for notification (voice/PAGER + SMS) 16+16 Carrying capacity of the +EX1 and +EX2 outputs (±10%) 3000 mA Low current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Carrying capacity of the +KPD output (±10%) 3000 mA Event log 5631 Objects 8 Current consumption from the 230V network in standby 135 mA Current consumption from battery - standby 130 mA Security grade according to EN 50131 Grade 3 Partitions 32 Timers 64 Users + Administrators 192 + 8 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 2000 + 1500 mA Frogrammable wired outputs 3 Supplying outputs 3 Board dimensions 264 x 134 mm Operating temperature range -10+55 °C	Battery cut-off voltage (±10%)	10,5 V
Battery failure voltage threshold (±10%) 11 V Telephone numbers for notification (voice/PAGER + SMS) 16+16 Carrying capacity of the +EX1 and +EX2 outputs (±10%) 3000 mA Low current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Carrying capacity of the +KPD output (±10%) 3000 mA Event log 5631 Objects 8 Current consumption from the 230V network in standby 135 mA Current consumption from battery - standby 130 mA Security grade according to EN 50131 Grade 3 Partitions 32 Timers 64 Users + Administrators 192 + 8 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 2000 + 1500 mA Programmable wired outputs 3 Supplying outputs 3 Board dimensions 264x 134 mm Operating temperature range -10+55 °C	Power supply output voltage	10,514 V DC
Telephone numbers for notification (voice/PAGER + SMS) 16+16 Carrying capacity of the +EX1 and +EX2 outputs (±10%) 3000 mA Low current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Carrying capacity of the +KPD output (±10%) 3000 mA Event log 5631 Objects 8 Current consumption from the 230V network in standby 135 mA Current consumption from battery - standby 130 mA Security grade according to EN 50131 Grade 3 Partitions 32 Times 64 Users + Administrators 192 + 8 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 2000 + 1500 mA Programmable wired outputs 16 Supplying outputs 3 Board dimensions 264x 134 mm Operating temperature range -10+55 ° C	Supply voltage (±15%)	20 V AC, 50-60 Hz
Carrying capacity of the +EX1 and +EX2 outputs (±10%) 3000 mA Low current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Carrying capacity of the +KPD output (±10%) 3000 mA Event log 5631 Objects 8 Current consumption from the 230V network in standby 135 mA Current consumption from battery - standby 130 mA Security grade according to EN 50131 Grade 3 Partitions 32 Timers 64 Users + Administrators 192 + 8 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 2000 + 1500 mA Programmable wired outputs 16 Supplying outputs 3 Board dimensions 264 x 134 mm Operating temperature range 10+55 °C	Battery failure voltage threshold (±10%)	11 V
Low current programmable outputs rating50 mAHigh current programmable outputs rating3000 mACarrying capacity of the +KPD output (±10%)3000 mAEvent log5631Objects8Current consumption from the 230V network in standby135 mACurrent consumption from battery - standby130 mASecurity grade according to EN 50131Grade 3Partitions32Timers64Users + Administrators192 + 8Programmable wired inputs16Power supply current efficiency (supplying devices + charging batteries)2000 + 1500 mAProgrammable wired outputs16Supplying outputs3Board dimensions264 x 134 mmOperating temperature range-10+55 °C	Telephone numbers for notification (voice/PAGER + SMS)	16+16
High current programmable outputs rating 3000 mA Carrying capacity of the +KPD output (±10%) 3000 mA Event log 5631 Objects 8 Current consumption from the 230V network in standby 135 mA Current consumption from battery - standby 130 mA Security grade according to EN 50131 Grade 3 Partitions 32 Timers 64 Users + Administrators 192 + 8 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 2000 + 1500 mA Programmable wired outputs 16 Supplying outputs 3 Board dimensions 264 x 134 mm Operating temperature range -10+55 °C	Carrying capacity of the +EX1 and +EX2 outputs (±10%)	3000 mA
Carrying capacity of the +KPD output (±10%) 3000 mA Event log 5631 Objects 8 Current consumption from the 230V network in standby 135 mA Current consumption from battery - standby 130 mA Security grade according to EN 50131 Grade 3 Partitions 32 Timers 64 Users + Administrators 192 + 8 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 2000 + 1500 mA Programmable wired outputs 16 Supplying outputs 3 Board dimensions 264 x 134 mm Operating temperature range -10+55 °C	Low current programmable outputs rating	50 mA
Event log 5631 Objects 8 Current consumption from the 230V network in standby 135 mA Current consumption from battery - standby 130 mA Security grade according to EN 50131 Grade 3 Partitions 32 Timers 64 Users + Administrators 192 + 8 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 2000 + 1500 mA Programmable wired outputs 16 Supplying outputs 3 Board dimensions 264 x 134 mm Operating temperature range -10+55 °C	High current programmable outputs rating	3000 mA
Objects 8 Current consumption from the 230V network in standby 135 mA Current consumption from battery - standby 130 mA Security grade according to EN 50131 Grade 3 Partitions 32 Timers 64 Users + Administrators 192 + 8 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 2000 + 1500 mA Programmable wired outputs 16 Supplying outputs 3 Board dimensions 264 x 134 mm Operating temperature range -10+55 ° C	Carrying capacity of the +KPD output (±10%)	3000 mA
Current consumption from the 230V network in standby 135 mA Current consumption from battery - standby 130 mA Security grade according to EN 50131 Grade 3 Partitions 32 Timers 64 Users + Administrators 192 + 8 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 2000 + 1500 mA Programmable wired outputs 16 Supplying outputs 3 Board dimensions 264 x 134 mm Operating temperature range -10+55 ° C	Event log	5631
Current consumption from battery - standby 130 mA Security grade according to EN 50131 Grade 3 Partitions 32 Timers 64 Users + Administrators 192 + 8 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 2000 + 1500 mA Programmable wired outputs 16 Supplying outputs 3 Board dimensions 264 x 134 mm Operating temperature range -10+55 ° C	Objects	8
Security grade according to EN 50131 Grade 3 Partitions 32 Timers 64 Users + Administrators 192+8 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 2000+1500 mA Programmable wired outputs 16 Supplying outputs 3 Board dimensions 264 x 134 mm Operating temperature range -10+55 ° C	Current consumption from the 230V network in standby	135 mA
Partitions 32 Timers 64 Users + Administrators 192+8 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 2000+1500 mA Programmable wired outputs 16 Supplying outputs 3 Board dimensions 264 x 134 mm Operating temperature range -10+55 °C	Current consumption from battery - standby	130 mA
Timers 64 Users + Administrators 192 + 8 Programmable wired inputs 16 Power supply current efficiency (supplying devices + charging batteries) 2000 + 1500 mA Programmable wired outputs 16 Supplying outputs 3 Board dimensions 264 x 134 mm Operating temperature range -10+55 °C	Security grade according to EN 50131	Grade 3
Users + Administrators192 + 8Programmable wired inputs16Power supply current efficiency (supplying devices + charging batteries)2000 + 1500 mAProgrammable wired outputs16Supplying outputs3Board dimensions264 x 134 mmOperating temperature range-10+55 °C	Partitions	32
Programmable wired inputs16Power supply current efficiency (supplying devices + charging batteries)2000 + 1500 mAProgrammable wired outputs16Supplying outputs3Board dimensions264 x 134 mmOperating temperature range-10+55 °C	Timers	64
Power supply current efficiency (supplying devices + charging batteries) 2000 + 1500 mA Programmable wired outputs 16 Supplying outputs 3 Board dimensions 264 x 134 mm Operating temperature range -10+55 °C	Users + Administrators	192 + 8
Programmable wired outputs16Supplying outputs3Board dimensions264 x 134 mmOperating temperature range-10+55 °C	Programmable wired inputs	16
Supplying outputs 3 Board dimensions 264 x 134 mm Operating temperature range -10+55 °C	Power supply current efficiency (supplying devices + charging batteries)	2000 + 1500 mA
Board dimensions 264 x 134 mm Operating temperature range -10+55 °C	Programmable wired outputs	16
Operating temperature range -10+55 °C	Supplying outputs	3
	Board dimensions	264 x 134 mm
Recommended transformer type 75 VA	Operating temperature range	-10+55 °C
10 VA	Recommended transformer type	75 VA