

INTEGRA 128 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 128 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 128 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 22,527 entries, with on-line printing support
- support for 240+8+1 user codes
- firmware upgrades via PC
- option of not reporting possible problems with connecting to the SATEL server as a failure





Users Administrators 240 - 8 Maximum current consumption from the battery 200 mA Maximum battery charging current 1500 mA Power supply current efficiency (supplying devices + charging batteries) 2000 - 1500 mA Power supply current efficiency (supplying devices + charging batteries) 3000 mA Carrying capacity of the +RPD output (±10%) 3000 mA Carrying capacity of the +RPD output (±10%) 3000 mA Programmable view in purus 18 Maximum number of programmable inputs 128 Maximum current consumption from the 2300 network 400 mA Maximum number of programmable inputs 13 Supplying outputs 3 Supplying outputs 3 Extended ricuits up to 8 Extended ricuits up to 8 Extended ricuits 40 Installer-defined text messaged 6 Security grade according to EN 50131 6 Security grade according to EN 50131 3000 mA Live current programmable outputs rating 3000 mA High current programmable outputs rating 3000 mA Sevent tog	Programmable wired outputs	16
Maximum battery charging current 1500 mA Power supply current efficiency (supplying devices + charging batteries) 2000 + 1500 mA Power supply culty voltage 10.5.14 VDC Carrying capacity of the +KPD output (£10%) 3000 mA Carrying capacity of the +KPD output (£10%) 3000 mA Programmable wired in puts 128 Maximum number of programmable inputs 400 mA Maximum current consumption from the 230 network 400 mA Maximum number of programmable outputs 3 Supplying outputs 3 Communication buses 1 ± 2 Keypads up to 8 Extended retroitis up to 8 Extended retroitis 6 Telephone numbers for notification (vice/PAGER+SMS) 6 Telephone numbers for notification (vice/PAGER+SMS) 6 Supply voltage (£15%) 20 VAC, 500 Hz Sucurent programmable outputs rating 300 mA West log 25 VAC, 500 Hz Use urner to programmable outputs rating 300 mA Event log 26 K13 Mm Partition 320 Objects	Users + Administrators	240 + 8
Power supply current efficiency (supplying devices + charging batteries) 2000-1500 mA Power supply output voltage 10.5.14 VDC Carrying capacity of the +KPD output (±10%) 3000 mA Carrying capacity of the +KPD toutput (±10%) 3000 mA Programmable wired inputs 16 Maximum current consumption from the 230V network 400 mA Maximum number of programmable outputs 3 Supplying outputs 3 Communication buses 1+2 Keypads 10+6 Estender circuits 10+6 Telephone numbers for notification (voicePAGER + SMS) 16+16 Install-edifined text messaged 64 Security grade according to EN 50131 Gade 3 Supply voltage (±15%) 20 VAC, 5600 t2 Low current programmable outputs rating 50 mA High current programmable outputs rating 50 mA Event log 22527 Objects 8 Partitions 64 Corrent programmable outputs rating 64 Event log 22527 Objects 8	Maximum current consumption from the battery	200 mA
Power supply output voltage 10.5.14 VDC Carrying capacity of the -EXT and +EXP outputs (±10%) 3000 mA Carrying capacity of the -EXT and +EXP outputs (±10%) 16 Maximum number of programmable inputs 128 Maximum number of programmable inputs 128 Maximum number of programmable outputs 128 Supplying outputs 3 Supplying outputs 3 Communication buses 11-2 Extender circuits up to 64 Extender circuits 16 + 16 Installer-defined text messaged 64 Security grade according to EN 50131 Grade3 Supply votage (±15%) 20 VAC, 50-60+2 Low current programmable outputs rating 50 mA High current programmable outputs rating 300 mA Event log 22527 Objects 8 Partitions 64 Board dimensions 24 x 13 mm Operating temperature range 64 Voice messages 32 Weight 320 g Maximum humidity 320 g <	Maximum battery charging current	1500 mA
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Carrying capacity of the +EX1 and +EX2 outputs (±10%) 3000 mA Programmable wired inputs 16 Maximum number of programmable inputs 400 mA Maximum number of programmable outputs 400 mA Supplying outputs 3 Communication buses 1+2 Keypads up to 8 Extended cricruits up to 8 Telephone numbers for notification (voice/PAGER + SMS) 16 + 16 Installer-defined text messaged 6 Security grade according to EN 50131 60 mA Supply voltage (±15%) 20 VAC, 50-60 Hz Low current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Event log 2527 Objects 8 Taritions 32 Image: 64 Board dimensions 26×134 mm Operating temperature range 10-65 °C Vice messages 32 Vice messages 32 Vice messages 32 Vice messages 32 Vice messages <	Power supply output voltage	10,514 V DC
Programmable wired inputs 16 Maximum number of programmable inputs 128 Maximum number of programmable outputs 128 Supplying outputs 3 Communication buses 1+2 Exepads up to 8 Extender circuits up to 64 Telephone numbers for notification (voice PAGER + SMS) 16+16 Insalier-defined text messaged 64 Security grade according to EN 50131 Grade 3 Supply voltage (±15%) 20 VAC, 50-60 Hz Use our current programmable outputs rating 50 mA High current programmable outputs rating 300 mA Event log 22527 Objects 8 Partitions 32 Inters 64 Board dimensions 284 x 134 mm Dorarding temperature range 32 Vice messages 32 Weight 320 g Maximum humidity 33.23 Ration 32.33 Weight 35.07 Weight 35.07 Maximum humidity<	Carrying capacity of the +KPD output (±10%)	3000 mA
Maximum number of programmable inputs 128 Maximum current consumption from the 230V network 400 mA Maximum number of programmable outputs 128 Supplying outputs 3 Communication buses 1+2 Keypads up to 8 Estender circuits up to 84 Telephone numbers for notification (voice/PAGER+SMS) 16+16 Installer-defined text messaged 64 Security grade according to EN 50131 Grade3 Supply voltage (±15%) 300 MA Low current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Event log 25527 Objects 8 Partitions 32 Times 64 Board dilensions 264 x 134 mm Operating temperature range 10-,455 °C Volce messages 32 Weight 300 g Maximum humidity 93.3% Current consumption from battery - standby 130 mA Rattery failure voltage (trieshol (±10%) 11 V	Carrying capacity of the +EX1 and +EX2 outputs (±10%)	3000 mA
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Maximum number of programmable outputs 128 Supplying outputs 3 Communication buses 1+2 Keypads up to 84 Extender circuits up to 84 Telephone numbers for notification (voice/PAGER+SMS) 16+16 Installer-defined text messaged 64 Security grade according to EN 50131 Grade 3 Supply voltage (±15%) 20 VAC, 50-60 Hz Low current programmable outputs rating 50 mA High current programmable outputs rating 300 mA Event log 22527 Objects 8 Partitions 32 Timers 64 Board dimensions 264 x 134 mm Operating temperature range 1-0455 °C Voice messages 32 Weight 303 g Maximum humbility 393 % Current consumption from battery- standby 130 mA Retern for juliure voitage (±10%) 110,5 V Entert for flutage (±10%) 10,5 V Entert for flutage (±10%) 10,5 V	Maximum number of programmable inputs	128
Supplying outputs 3 Communication buses 1+2 Keypads up to 8 Extender circitls up to 64 Telephone numbers for notification (voice/PAGER+SMS) 16+16 Installer-defined text messaged 64 Security grade according to EN 50131 Grades Supply voltage (£15%) 20 VAC, 50-60 Hz Low current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Event log 22527 Objects 8 Farittions 32 Timers 64 Board dimensions 264 x 134 mm Operating temperature range 10-,455 °C Voice messages 32 Weight 320 g Maximum humidity 39.13% Current consumption from battery- standby 130 mA Recommended transformer type 75 VA Battery failure voltage (£10%) 11 V Battery failure voltage (£10%) 10,5 V Environmental class according to ENS0130-5 11	Maximum current consumption from the 230V network	400 mA
Communication buses 1+2 Keypads up to 8 Extender circuits up to 64 Telephone numbers for notification (voice/PAGER + SMS) 16+16 Installer-defined text messaged 64 Security grade according to EN 50131 Grade 3 Supply voltage (±15%) 20V AC, 50+60 Hz Low current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Event log 22527 Objects 8 Partitions 32 Timers 64 Board dimensions 264 x 134 mm Operating temperature range 10455 °C Voice messages 32 Weight 320 g Maximum humidity 93±3% Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voltage (±10%) 11,05 V Entery of woltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Maximum number of programmable outputs	128
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Extender circuits up to 64 Telephone numbers for notification (voice/PAGER+SMS) 16+16 Installer-defined text messaged 64 Security grade according to EN 50131 Grade 3 Supply voltage (±15%) 20 VAC, 50-60 Hz Low current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Event log 22527 Objects 8 Partitions 32 Timers 64 Goard dimensions 264x 134 mm Operating temperature range 10.455 °C Voice messages 32 Weight 320 g Maximum humidity 93:33% Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voitage threshold (±10%) 11 V Battery failure voitage (±10%) 10,5 V Environmental class according to EN50130-5 II	Communication buses	1+2
Telephone numbers for notification (voice/PAGER + SMS) 16 + 16 Installer-defined text messaged 64 Security grade according to EN 50131 Grade 3 Supply voitage (±15%) 20 V AC, 50-60 Hz Low current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Event log 22527 Objects 8 Partitions 32 Timers 64 Board dimensions 264 x 134 mm Operating temperature range -10455 °C Voice messages 32 Weight 320 g Maximum humidity 93:39% Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voltage (±10%) 11 V Battery cut-off voltage (±10%) 10.5 V Environmental class according to EN50130-5 II	Keypads	up to 8
Installer-defined text messaged 64 Security grade according to EN 50131 Grade 3 Supply voltage (±15%) 20 VAC, 50-60 Hz Low current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Event log 22527 Objects 8 Partitions 32 Timers 64 Board dimensions 264 x 134 mm Operating temperature range 10+55 °C Voice messages 32 Weight 320 g Maximum humidity 330 g Current consumption from battery- standby 130 mA Recommended transformer type 75 VA Battery failure voltage threshold (±10%) 11 V Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Extender circuits	up to 64
Security grade according to EN 50131 Grade 3 Supply voltage (£15%) 20 VAC, 50-60 Hz Low current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Event log 22527 Objects 8 Partitions 32 Timers 64 Board dimensions 264 x 134 mm Operating temperature range 10+55 °C Voice messages 32 Weight 320 g Maximum humidity 33±3% Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voltage threshold (±10%) 11 V Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Telephone numbers for notification (voice/PAGER + SMS)	16+16
Supply voltage (±15%) 20 VAC, 50-60 Hz Low current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Event log 22527 Objects 8 Partitions 32 Timers 64 Board dimensions 264 x 134 mm Operating temperature range -10+55 °C Voice messages 32 Weight 320 g Maximum humidity 93±3% Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voltage threshold (±10%) 11 V Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Installer-defined text messaged	64
Low current programmable outputs rating 50 mA High current programmable outputs rating 3000 mA Event log 22527 Objects 8 Partitions 32 Timers 64 Board dimensions 264 x 134 mm Operating temperature range -10+55 °C Voice messages 32 Weight 320 g Maximum humidity 93:3% Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voltage threshold (±10%) 11 V Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Security grade according to EN 50131	Grade 3
High current programmable outputs rating 3000 mA Event log 22527 Objects 8 Partitions 32 Timers 64 Board dimensions 264 x 134 mm Operating temperature range -10+55 °C Voice messages 32 Weight 320 g Maximum humidity 93±3% Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voltage threshold (±10%) 11 V Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Supply voltage (±15%)	20 V AC, 50-60 Hz
Event log 22527 Objects 8 Partitions 32 Timers 64 Board dimensions 264x 134 mm Operating temperature range -10+55 °C Voice messages 32 Weight 320 g Maximum humidity 93±3% Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voltage threshold (±10%) 11 V Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Low current programmable outputs rating	50 mA
Objects 8 Partitions 32 Timers 64 Board dimensions 264 x 134 mm Operating temperature range -10+55 °C Voice messages 32 Weight 320 g Maximum humidity 93±3% Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voltage threshold (±10%) 11 V Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	High current programmable outputs rating	3000 mA
Partitions 32 Timers 64 Board dimensions 264 x 134 mm Operating temperature range -10+55 °C Voice messages 32 Weight 320 g Maximum humidity 93±3% Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voltage threshold (±10%) 11 V Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Event log	22527
Timers 64 Board dimensions 264 x 134 mm Operating temperature range -10+55 °C Voice messages 32 Weight 320 g Maximum humidity 93±3% Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voltage threshold (±10%) 11 V Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Objects	8
Board dimensions 264 x 134 mm Operating temperature range -10+55 °C Voice messages 32 Weight 320 g Maximum humidity 93±3% Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voltage threshold (±10%) 11 V Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Partitions	32
Operating temperature range -10+55 °C Voice messages 32 Weight 320 g Maximum humidity 93±3% Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voltage threshold (±10%) 11 V Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Timers	64
Voice messages 32 Weight 320 g Maximum humidity 93±3% Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voltage threshold (±10%) 11 V Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Board dimensions	264 x 134 mm
Weight 320 g Maximum humidity 93±3% Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voltage threshold (±10%) 11 V Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Operating temperature range	-10+55 °C
Maximum humidity 93±3% Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voltage threshold (±10%) 11 V Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Voice messages	32
Current consumption from battery - standby 130 mA Recommended transformer type 75 VA Battery failure voltage threshold (±10%) 11 V Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Weight	320 g
Recommended transformer type 75 VA Battery failure voltage threshold (±10%) 11 V Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Maximum humidity	93±3%
Battery failure voltage threshold (±10%) Battery cut-off voltage (±10%) Environmental class according to EN50130-5 Il	Current consumption from battery - standby	130 mA
Battery cut-off voltage (±10%) 10,5 V Environmental class according to EN50130-5 II	Recommended transformer type	75 VA
Environmental class according to EN50130-5	Battery failure voltage threshold (±10%)	11 V
	Battery cut-off voltage (±10%)	10,5 V
Current consumption from the 230V network in standby 135 mA	Environmental class according to EN50130-5	ll l
	Current consumption from the 230V network in standby	135 mA