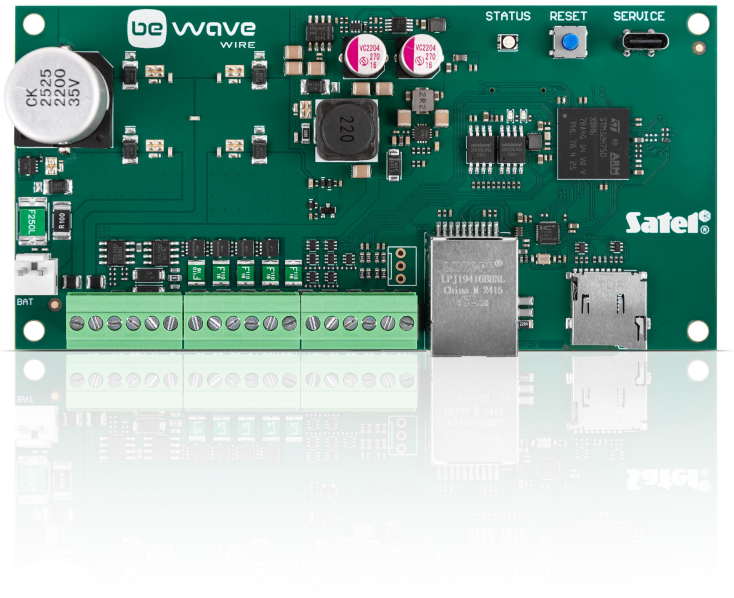
WIRE 128



WIRE 128 control panel is designed to protect facilities such as apartments, single–family homes, terraced houses, and small commercial premises (e.g. offices). It provides security compliant with **Grade 2** requirements of the EN 50131 standard. It supports the implementation of hardwired, wireless, or hybrid systems, accommodating up to 128 devices.

The control panel main board is equipped with 4 hardwired zones and 4 hardwired outputs, with the option to expand the system using additional expansion modules. It features a **SATEL BUS** – RS–485 communication bus, allowing connection of up to 32 devices, such as keypads, card readers, and BUS detectors. It also supports so–called "virtual IP devices". All devices within the system can be assigned to a maximum of 50 rooms.

The control panel supports full arming mode and allows configuration of up to 9 partial arming modes. Scenes and routines (up to 100 in total) enable system automation, including arming mode management and implementation of smart building functions such as lighting, heating, ventilation, roller shutter, and gate control.

The control panel is equipped with Ethernet communication modules. This enables system control via the **BE WAVE** mobile app, connection to the **BE WAVE Soft** configuration software, and event reporting to a monitoring station.

- compliance with EN 50131 Grade 2
- support for up to 128 hardwired, wireless, and virtual IP devices
- hardwired devices
  - bus devices connected to the **SATEL BUS** (RS–485) communication bus (up to 32 physical devices)
  - devices connected to the system's zones and outputs
- virtual IP devices
  - IP zones (receiving HTTP notifications)
  - IP outputs (sending HTTP notifications)
- capability to assign devices to 50 rooms
- capability to arm the system fully or partially (9 configurable partial modes)
- comunication bus – SATEL BUS (RS–485) for connecting up to 32 devices
  - **INT–TSH210**, **INT–TSH2R**, **INT–TSG2R** touchscreen keypads
  - **SO–MF5** keypad with MIFARE® proximity card reader
  - **SO–MF3** MIFARE® proximity card reader
  - **INT–E**, **INT–O**, **INT–ORS, INT–PP, INT–IORS** expansion modules
  - **BUS** detectors
  - **TPH–2** sensor
- hardwired zones
  - 4 zones on the control panel mainboard
  - capability to increase the number of hardwired zones using expanders
  - support for configuration: EOL, 2EOL, 3EOL
  - support for NO and NC detectors, as well as roller shutter and shock detectors
  - programmable value of end–of–line resistors
- hardwire outputs
  - 4 outputs on the control panel mainboard
  - capability to increase the number of hardwired outputs using expanders
- built–in Ethernet module (reporting to monitoring station, mobile application, push and e–mail notifications)
- system control using
  - **BE WAVE** mobile application (simultaneous access by multiple users)

The actual appearance of the products may differ from the presented images. Product descriptions are provided in the web service for information purposes only.

  - **BE WAVE Soft** configuration software
  - touchscreen keypads
  - keypads
  - 13,56 MHz MIFARE® proximity cards and tags
- up to 50 users
- up to 100 scenes and routines
- up to 50 schedules with option to be used for routines
- 8000 event log entries
- automatic diagnostics of basic system components
- powered by 18 V AC, 50–60 Hz
- capability to update firmware of the control panel and the devices in the system
- programming of control panel setting
  - BE WAVE Soft configuration software or BE WAVE mobile app
  - communication via the local network or connection established through the Internet using the SATEL server
  - connection to a computer via the USB–C connector on the control panel main board

Maximum current consumption from the battery	140 mA
Standby current draw from battery	100 mA
Security grade according to EN50131-1	Grade 2
AUX output	1 A / 12 V DC
Power supply output current	3 A
Power supply output voltage	12 V DC ±15%
Battery charging current	400 mA
Output voltage range	10,5 V...14 V DC
Recommended transformer	40 VA
Supported memory cards	microSD, micro SDHC
Board dimensions	138 x 69 mm
Environmental class according to EN50130-5	II
Battery cut-off voltage (±10%)	10,5 V
Battery failure voltage threshold (±10%)	11 V
Maximum humidity	93±3%
Weight	93 g
Max. current consumption	170 mA
Standby mode current consumption	120 mA
Supply voltage	18 V AC ±15%, 50-60 Hz
Operating temperature range	-10°C...+55°C

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