

ABAX

Bidirectional wireless security system

The goal of Satel's engineers was to design and develop a new generation of security systems which integrates highest security level with the freedom of wireless expansion.

To date, this grade of security was available only in hardwired systems. By applying digital encryption techniques and innovative two-way communication combined with advanced power management, SATEL achieved this aim.



ABAX bidirectional security system

- two-way encrypted communication for high-grade protection
- no need for detector suspending ensures instant system response
- digital message acknowledgement to provide reliable communication
- advanced energy management of battery operated devices
- operating frequency: 868 MHz
- individual device naming for easy system management
- remotely software triggered walk testing for ease of installation

ACU-100 universal wireless system controller

- support for up to 48 wireless devices
- 4 NO/NC control inputs, expandable up to 24
- 8 OC outputs, expandable up to 48
- 4 dedicated functional outputs indicating:
 - tamper
 - wireless communication fault
 - radio jamming
 - low battery
- seamless integration with INTEGRA systems using expansion bus
- connection to any alarm control panel by on-board outputs and inputs
- system settings programming:
 - using LCD keypad attached to control unit's RJ11 jack for programming only
 - using service mode structure of INTEGRA control panel via LCD keypad
 - direct RS-232 programming using Dload10 software
 - local or remote programming using INTEGRA's DloadX software
- devices status supervision using communication bus or on board dedicated OC outputs
- individual outputs state visual indicators
- global acoustic and optical indication of controller status
- tamper switch and tamper input
- Flash upgradeability for future updates



ACX-100 controller interface outputs and inputs expansion module

- 4 control inputs
- 8 OC outputs
- communication bus
- dedicated tamper input



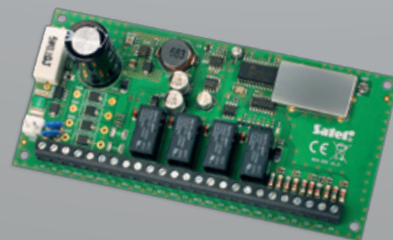
ACX-200 wireless zones and outputs expansion module

- interface for connecting wired devices to ABAX wireless system
- 4 zones (support for detectors with NO, NC, EOL, 2EOL/NO, 2EOL/NC configurations)
- 4 independent relay outputs
- tamper switch



ACX-201 wireless zones and outputs expansion module with power supply

- interface for connecting wired devices to ABAX wireless system
- 4 zones (support for detectors with NO, NC, EOL, 2EOL/NO, 2EOL/NC configurations)
- 4 independent relay outputs
- 1.2A rated switching mode backup power supply
- external antenna

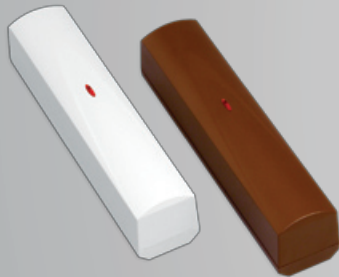


AMD-100 wireless magnetic contact

- support parallel or orthogonal installation
- external detector input
- remote configuration
- tamper protection against opening and removing

AMD-101 dual channel wireless magnetic contact

- support parallel or orthogonal installation
- external detector input with separate digital channel
- remote configuration
- tamper protection against opening and removing



ASP-105 wireless outdoor siren

- separate wireless acoustic and optical signal triggering
- piezo sounder for acoustic signaling
- four selectable acoustic signals
- optical signaling with xenon strobe
- external 12VDC power supply for battery charging
- tamper protection against opening and removing



APD-100 wireless motion detector

- passive infrared (PIR) detection type
- digital processing of sensor signal
- pet immunity software selectable option
- remote sensitivity adjustment
- interchangeable Fresnel lenses
- tamper protection against opening and removing



ASP-205 wireless indoor siren with optical and acoustic signaling

- two separately triggered signaling modes defined by installer
- selection of three acoustic signals
- acoustic signaling: piezo
- optical signaling: ultra bright LEDs
- tamper protection against opening and removing



APMD-150 wireless dual technology motion detector

- microwave (MW) detector and passive infrared (PIR) sensor
- advanced power management
- high immunity against disturbances and false alarm sources
- remote configuration and sensitivity adjustment
- tamper protection against opening and removing



ASW-100 mains powered appliances wireless switch

- remote switching of mains powered appliances
- manual control mode
- LED for device state indication
- safe and aesthetic enclosure integrated with mains plug and socket
- available in two versions:
 - ASW-100E – type E (EURO) mains socket
 - ASW-100F – type F (SCHUKO) mains socket



AGD-100 wireless glass break detector

- glass break detection (plate, laminated and tempered glass)
- multi frequency digital signal analysis
- remote sensitivity adjustment
- test mode for set-up and sensitivity adjustment with Indigo Tester
- tamper protection against opening and removing



ASD-100 wireless smoke and heat detector

- photoelectric smoke sensor for visible smoke
- heat detector sensitivity adjustment
- remote configuration
- acoustic and optical alarm indication



AFD-100 wireless water flood detector

- flood warning for areas with water installations
- external sensor for easy installation
- tamper protection against opening and removing



AVD-100 wireless vibration detector with magnetic contact

- vibration detection based on piezoelectric ceramic sensor
- remote vibration detection sensitivity adjustment
- magnetic contact with separate digital channel
- tamper protection against opening and removing



ARF-100 radio signal strength indicator tool

- diagnostic tool to facilitate radio signal site survey and troubleshooting
- bidirectional test: indication of both received signal level and transmitted signal level as seen by the controller
- two operating modes: simulation of both battery operated and other devices

