

VERSA Plus

CONTROL PANEL

The **VERSA Plus** control panel is designed for protection of small and medium-sized premises. It allows you to create a wired or wireless system – it is compatible with **ABAX 2 (ACU-220, ACU-280)** and **ABAX (ACU-120, ACU-270)** as well as **MICRA (VERSA-MCU)** wireless systems controllers.

The **VERSA Plus** is the solution that combines features of several separate devices. Its motherboard integrates the following modules: Ethernet, cellular GSM/GPRS, PSTN dialer, voice and acoustic alarm verification. As a result, the **VERSA Plus** control panel enables communication via three channels (Ethernet, cellular network, PSTN), thus ensuring effective transfer of information.

- EN50131 Grade 2 compliance
- 4 programmable wired zones:
 - support for NO and NC type detectors, and roller shutter and shock detectors
 - support for EOL and 2EOL configuration
- additional tamper input, NC type
- 5 programmable wired outputs:
 - 2 high-current outputs
 - 2 low-current outputs, OC type
 - 1 relay output
- 3 power outputs
- output for connecting dedicated enclosure-mounted piezoelectric transducer (acoustic signaling)
- maximum number of programmable zones: 30
- maximum number of programmable outputs: 12
- system subdivision into 2 partitions:
 - each zone can be assigned to two partitions
- system control by means of:
 - keypads:
 - LED with mechanical keyboard – **VERSA LED**
 - LCD with mechanical keyboard – **VERSA-LCD, VERSA-LCDM**
 - wireless LCD with mechanical keyboard – **VERSA-KWRL2**
 - touchscreen – **INT-TSG2, INT-TSH2**
 - partition control module (**INT-CR** – using cards, key fobs and other passive transponders)
 - remote control keyfobs
 - mobile application **VERSA CONTROL**
 - phone (SMS, voice menu)
- integrated modules:
 - Ethernet (reporting to monitoring station, e-mail messaging, mobile application, remote programming)
 - cellular GSM/GPRS (reporting to monitoring station, voice/SMS messaging, SMS/voice menu remote control, mobile application, remote programming)
 - PSTN dialer (reporting to monitoring station, voice messaging, voice menu remote control, remote programming)
 - voice (playback of voice messages for the needs of telephone messaging and voice menu)
 - audio alarm verification (listening in)
- built-in USB MINI-B socket, for programming the control panel and updating its firmware using a computer
- memory of 2047 events
- capability to handle 30 users and assign to each of them:
 - code
 - proximity card or other passive transponder
 - keyfob

4 timers to enable automatic:



- arming/disarming partitions
- control of outputs (turning light ON/OFF, watering garden, etc.)

plug-in terminal blocks

TECHNICAL DATA

| | |
|--|--------------------|
| Voice messages | 16 |
| Messaging telephone numbers | 8 |
| Event log | 2047 |
| Partitions | 2 |
| Timers | 4 |
| Power supply rating | 2 A |
| Enclosure dimensions | 266 x 286 x 100 mm |
| Board dimensions | 173 x 105 mm |
| Operating temperature range | -10...+55 °C |
| Supply voltage (±15%) | 18 V AC, 50-60 Hz |
| Maximum humidity | 93±3% |
| Current consumption from battery - maximum | 340 mA |
| Current consumption from battery - standby | 180 mA |
| Battery failure voltage threshold (±10%) | 11 V |
| Battery cut-off voltage (±10%) | 10,5 V |
| Environmental class according to EN50130-5 | II |
| Current consumption from the 230V network in standby | 120 mA |
| Maximum current consumption from the 230V network | 200 mA |
| Power supply output voltage | 12 ±15% V DC |
| Programmable wired inputs | 4 |
| Maximum number of programmable inputs | 30 |
| Programmable wired outputs | 5 |
| Maximum number of programmable outputs | 12 |
| Supplying outputs | 3 |
| Communication buses | 1 |
| Keypads | up to 6 |
| Security grade according to EN 50131 | Grade 2 |
| Recommended transformer | 40 VA |
| Mass (incl. enclosure and accessories) | 1250 g |
| Users | 30 |
| Notification e-mail addresses | 8 |
| Text messages | 64 |
| Current-carrying capacity of KPD output | 500 mA / 12 V DC |
| Output voltage range | 10,5 V...14 V DC |
| Battery charging current | 800 mA |
| Low current programmable outputs rating | 50 mA / 12 V DC |
| Current-carrying capacity of programmable high-current outputs | 1100 mA / 12 V DC |
| AUX output | 500 mA / 12 V DC |
| +VR output | 200 mA / 12 V DC |
| Programmable relay output | 1000 mA / 30 V DC |