



JA-106K GSM Control panel with built-in GSM/GPRS/ LAN communicator

The JA-106K is a JA-100 alarm system control panel. It offers flexible settings and allows the smart protection of bigger family houses, offices, companies and apartment complexes. The settings are programmed by F-Link SW.

○ [Declaration of conformity - JA-106K \(PDF 700.66 kB\)](#)

Description

The JA-106K offers

- up to 120 wireless or BUS hardwired zones
- up to 300 user codes
- up to 15 sections
- up to 32 programmable outputs
- 20 independent calendars
- the system reports to 30 users by SMS
- 15 users have option of voice and SMS reporting
- 5 ARC settings
- 4 selectable reports to ARC

It has a built-in GSM/GPRS and LAN communicator on the board offering communication by voice, SMS or GPRS to end users or to ARC centers. It is equipped with a 1 GB memory card on the board for saving event reports, a voice menu and messages, storage of pictures and more.

The main control unit includes terminals:

- 2x independent BUS terminals
- 1x terminal for VOICE module
- 1x terminal for built-in radio module (JA-110R)
- 1x terminal for PSTN communication module (JA-190X)

Technical specifications

Control panel power supply

~ 230 V/50 Hz, max. 0.2 A, with T400 mA fuse, protection class II

Back-up battery

12 V; 7 to 18 Ah

Maximum battery charging time

72 h

BUS voltage (red-black)

12.0 to 13.8 V

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| Max. continuous consumption from the control panel | 1200 mA permanently, valid for each BUS output (2000 mA for 10 minutes) | |
| Max. continuous consumption for backing up 12 hours | Without GSM communicator | LAN - OFF - 1150 mA LAN - ON - 1105 mA |
| | With GSM communicator | LAN - OFF - 1130 mA LAN - ON - 1085 mA |
| Max. continuous consumption for backing up 24 hours | Without GSM communicator | LAN - OFF - 550 mA LAN - ON - 505 mA |
| | With GSM communicator | LAN - OFF - 530 mA LAN - ON - 485 mA |
| Max. number of devices | 120 | |
| LAN communicator | Ethernet interface | |
| Dimensions | 357 x 297 x 105 mm | |
| Weight | 2500 g | |
| Reaction to invalid code entry | Alarm after 10 wrong code entries | |
| Event history | approx. 7 million latest events, incl. date and time | |
| Power supply unit | type A (EN 50131-6) T 031 note: In case of a main power failure is the system backed up for 24 hours and at the same time is a failure report sent to the ARC. | |
| 2G GSM communicator | 850 / 900 / 1800 / 1900 MHz | |
| 3G GSM communicator | 2100 MHz | |
| Environmental class | class II, indoor general according to EN 50131-1 | |
| Operational temperature range | -10 °C to +40 °C, relative humidity 75% | |
| Classification | Security grade 2 according to EN 50131-1, EN 50131-3, EN 50131-6, EN 50131-10, EN 50131-5-3, EN 50136-1, EN 50136-2 | |
| Operating frequency (with the JA-11xR module) | 868.1 MHz | |
| Radio emissions | ETSI EN 300 220-2 (module R), ETSI EN 301 419-1, ETSI EN 301 511 (GSM) | |
| EMC | EN 50130-4 ed. 2, EN 55022 ed. 3, ETSI EN 301 489-7 | |
| Safety | EN 60950-1 | |
| Operational conditions | ERC REC 70-03, ERC DEC (98) 20 | |
| Certification body | TREZOR TEST: (JA-101K, JA-101K-LAN, JA-106K), ANPI: INCERT T014(A) (JA-101K, JA-106K) | |
| Caller's identification | ETSI EN 300 089 | |

