



## JA-106K 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 \(PDF 323 kB\)](#)

## 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

<b>Max. continuous consumption from the control panel</b>	1200 mA permanently, valid for each BUS output (2000 mA for 10 minutes)	
<b>Max. continuous consumption for backing up 12 hours</b>	Without GSM communicator	LAN - OFF - 1150 mA LAN - ON - 1105 mA
	With GSM communicator	LAN - OFF - 1130 mA LAN - ON - 1085 mA
<b>Max. continuous consumption for backing up 24 hours</b>	Without GSM communicator	LAN - OFF - 550 mA LAN - ON - 505 mA
	With GSM communicator	LAN - OFF - 530 mA LAN - ON - 485 mA
<b>Max. number of devices</b>	120	
<b>LAN communicator</b>	Ethernet interface	
<b>Dimensions</b>	357 x 297 x 105 mm	
<b>Weight</b>	2500 g	
<b>Reaction to invalid code entry</b>	Alarm after 10 wrong code entries	
<b>Event history</b>	approx. 7 million latest events, incl. date and time	
<b>Power supply unit</b>	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.	
<b>2G GSM communicator</b>	850 / 900 / 1800 / 1900 MHz	
<b>3G GSM communicator</b>	2100 MHz	
<b>Environmental class</b>	class II, indoor general according to EN 50131-1	
<b>Operational temperature range</b>	-10 °C to +40 °C, relative humidity 75%	
<b>Classification</b>	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	
<b>Operating frequency (with the JA-11xR module)</b>	868.1 MHz	
<b>Radio emissions</b>	ETSI EN 300 220-2 (module R), ETSI EN 301 419-1, ETSI EN 301 511 (GSM)	
<b>EMC</b>	EN 50130-4 ed. 2, EN 55022 ed. 3, ETSI EN 301 489-7	
<b>Safety</b>	EN 60950-1	
<b>Operational conditions</b>	ERC REC 70-03, ERC DEC (98) 20	
<b>Certification body</b>	TREZOR TEST: (JA-101K, JA-101K-LAN, JA-106K), ANPI: INCERT T014(A) (JA-101K, JA-106K)	
<b>Caller's identification</b>	ETSI EN 300 089	

