



## JA-101KR Control panel with GSM / GPRS communicator and radio module

The JA-101KR control panel offers flexible setting and allows easy protection for small premises, bigger family houses, offices and companies. It is equipped with a JA-111R radio module. The desired settings programmed by F-link SW.

### Description

The JA-101K offers:

- up to 50 wireless or BUS hardwired zones
- up to 50 user codes
- up to 8 sections
- up to 16 programmable outputs
- 20 independent calendars
- system reports to 8 users by SMS
- 8 users have option of voice and SMS reporting
- 5 ARC settings
- 4 selectable reports to ARC

It has a built-in GSM/GPRS 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, the storage of pictures and more.

The main control unit includes terminals:

- 1x BUS terminal
- 1x terminal for built-in radio module (JA-111R)

### Technical specifications

**Control panel power supply**

~ 230 V/50 Hz, max. 0.1 A, with T200 mA fuse  
~ 110 V to 120 V/60 Hz, max. 0.2 A, with T400 mA fuse, protection class II

**Back-up battery**

12 V; 2.6 Ah

**Maximum battery charging time**

72 h

**BUS voltage (red-black)**

12.0 to 13.8 V

**Max. continuous consumption from the control panel**

400 mA permanently  
1000 mA for 5 minutes

<b>Max. continuous consumption for backing up 12 hours</b>	Without GSM communicator	LAN - OFF - 123 mA LAN - ON - 78 mA
	With GSM communicator	LAN - OFF - 103 mA LAN - ON - 58 mA
<b>Max. continuous consumption for backing up 24 hours</b>	Without GSM communicator	LAN - OFF - 37 mA LAN - ON - Not possible
	With GSM communicator	LAN - OFF - 17 mA LAN - ON - Not possible
<b>Max. number of devices</b>	50	
<b>LAN communicator</b>	Ethernet interface (LAN versions only)	
<b>Dimensions</b>	258 x 214 x 77 mm	
<b>Weight</b>	1250 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	