



JA-101K Control panel with built-in GSM / GPRS communicator

The JA-101K control panel offers flexible setting and allows easy protection for small premises, bigger family houses, offices and companies. The desired settings and the size of the system is programmed by F-link SW.

o [Declaration of conformity - JA-101K \(PDF 322.57 kB\)](#)

Description

The JA-101K offers:

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

- o 1x BUS terminal
- o 1x terminal for built-in radio module (JA-110R)

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

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