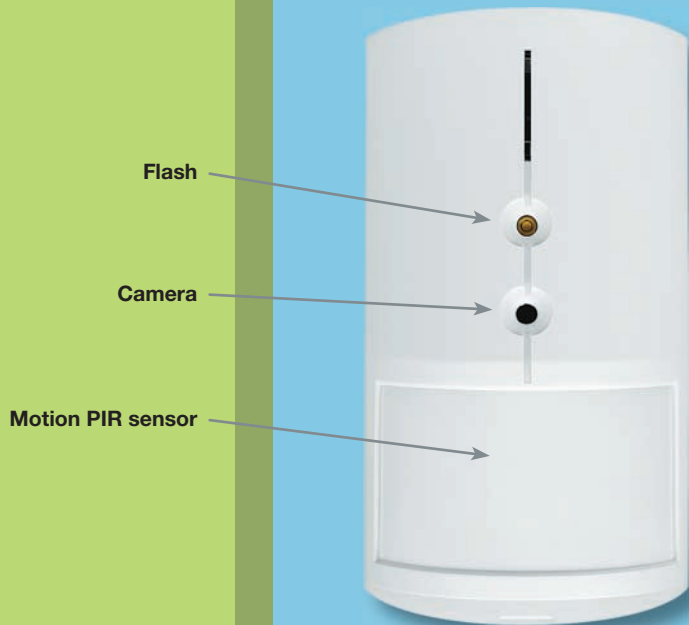




OASiS

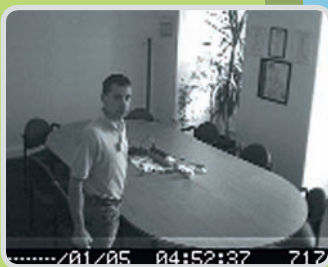
So much more than a wireless alarm system

Wireless PIR detector with camera for **VISUAL ALARM VERIFICATION**



- ✓ Takes a sequence of 4 still photos if a movement is detected while the system is armed
- ✓ The first shot is taken instantly without a flash, and the next three (second by second) all with flashes
- ✓ Photographs compressed into JPG format are sent to the control panel by two-way radio (868 MHz)
- ✓ Control panel transfers the pictures out of the premises via GPRS or a LAN / PSTN communicator
- ✓ On average it takes about 15 seconds to get a picture from the detector to a secured Internet server or to your cell phone screen
- ✓ Picture resolution: 160 × 120 / B&W
- ✓ Built-in LED flash light illuminates the scene (up to 3 m)
- ✓ Powered by 2 3V lithium batteries (3 years lifetime)
- ✓ Internal picture memory stores the last 61 pictures with original BMP quality
- ✓ USB port allows you to view pictures directly from the internal memory (mass storage device feature)
- ✓ Detector can be used as part of an OASiS alarm system or simply as a stand-alone automatic camera

Example of pictures sent from the system



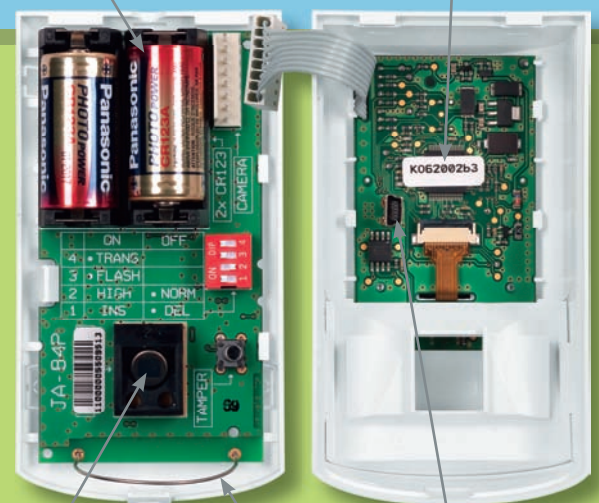
Built-in flash patented logic

The main task of the camera is to verify real alarms caused by an intruder. The detector's built-in flash illuminates the scene, but it also has other important functions patented by Jablotron:

- ✓ An unexpected flash attracts the intruder to look at the detector and this significantly increases the probability that the next shot will show the intruder's face
- ✓ A flash also clearly indicates to the intruder that (s)he was detected, possibly making him/her run away. If not, and (s)he tries to damage the detector, a tamper alarm is triggered. The tamper alarm verifies the intruder's presence even faster than the photo transmission.

Lithium batteries

Internal picture memory



PIR element

Radio antenna

USB port

Let's see what's really going on...

JA-80 OASiS SYSTEM DEVICES

OASIS has a building block architecture, so you can simply make a wireless door bell, or install a more complex system. Due to using 868 MHz narrow-band communication, it has an outstanding communication range and reliability. 3V lithium batteries provide energy for 3 years of normal use. The system also complies to EN 50131 grade 2.

JA-82KRC control panel



offers 4 hard wired zones, up to 50 user codes (cards). Optional built-in ready JA-82R radio module provides up to 50 addresses for wireless peripherals and JA-82C module offers 10 additional hard wired zones. Allows 2 level partial setting (or 2 partitions splitting). Records 255 events in the internal memory. Provides audible warning and 2 programmable outputs. Remote access and reporting can be done via GSM, LAN or PSTN optional communicators.

JA-85P motion detector



mini-size PIR sensor, suitable to protect a small room or a car interior. Digital signal processing provides high immunity to false signals.

TP-83 LCD programmable thermostat



wirelessly operates the heating via AC module according to preset week program. Reports freezing, heater malfunction or fire conditions. It also can be operated remotely via a mobile phone or Internet. **TP-80** and **TP-82** are versions without week program.

JA-80H outdoor keypad



has a built-in RFID card reader, allows entrance door opening and can also be an external bypass switch. Connected to the control panel by cable via the WJ-80 interface. Also available is the JA-80N keyless outdoor RFID reader.

JA-80F keypad



allows system control and programming. Has a built-in RFID card reader. Indicates current window or door status (opening). Offers 15 languages. The **JA-80E** is a hard wired option.

JA-80G gas detector



indicates combustible gas or vapour leakage. Based on a platinum filament sensor. This detector is mains powered.

WJ-80 interface



connects outdoor keypad to the control panel cable and provides an output signal (power) to open an electric door lock. Connection of 3rd party keypads possible (Wiegand protocol).

JA-80P motion detector



PIR sensor covers up to 112 square meters (pet zone lens optional). Digital signal processing provides a high immunity to false signals. Can also be used to detect a door opening.

JA-80L internal siren



mains powered siren to sound alarms, exit and entrance warnings, door bell signals and detector triggered chimes. Signals a tamper if disconnected (thief verification).

UC-82 output module



provides 2 radio controlled relays switchable by control panel, RC remote controls or wireless detectors. Needs 12 V DC. **AC-82** and **AC-83** are main powered versions which cooperate also with wireless thermostats.

JA-80PB combined detector



dual technology motion PIR/glass break sensor combination. Digital signal processing provides high immunity to false signals.

JA-80A outdoor siren



totally wire-free siren in a robust housing. Serves also as a front-line alarm tampering detector. Its lithium battery lifetime is from 3 to 5 years (depends on alarm rate).

JA-80V LAN module



a communicator combining LAN (Ethernet) and PSTN tel. line. Allows remote access by mobile phone or Internet. Reports to a monitoring station or cell phone.

JA-84P motion detector with camera & flash



for visual alarm verification. Takes a sequence of still pictures and transfers them by radio. The control panel has to be equipped with a JA-80Q data module to support picture transfer. Several detectors can be installed in the system.

RC-80 key-fob



can set, unset and trigger panic alarms. Can also operate other devices (via UC and AC modules). An optional cover allows selection of 2 or 4 buttons.

JA-80Y GSM module



a communicator using a GSM network. Allows remote access by mobile phone or Internet. Can report to a monitoring station or a cell phone. Offers 15 languages. Provides a GSM gateway.

JA-89P outdoor motion det.



detects human body movement outside the house. Built-in double-zone PIRs assure resistance to falls alarms. The detection zone can be set from 2 to 12 m.

RC-88 wall button



a wire-free panic trigger or a remote control. Can also operate modules or the JA-80L door bell function.

JA-80X voice module



reports alarms via voice messages and a PSTN telephone line. Up to 6 messages can be recorded and reported to up to 4 tel. numbers. Allows reporting to a central monitoring provider (CID protocol).

RC-89 door bell button



a wire-free door bell button with a JA-80L as well as a hidden panic trigger or a remote control for modules.

JA-80M door detector



magnetic sensor senses door (or window) opening. Provides an input for external wired sensors.

RC-87 emergency button



allows its user to trigger panic alarms or to control appliances remotely. It is especially designed for personal calls for help. The battery-powered button can be worn on your wrist like a watch or it can hang around your neck.

SP-02 speaker phone



when connected to a PSTN phone line (or 80Y GSM gateway) it allows authorized numbers to call in to listen and talk (for alarm verification).

JA-82M window detector



an invisible magnetic sensor to indicate a Euro-standard window opening. Can be installed into the most up-to-date window frames.

RC-85 remote control



this module can be easily installed in a car to operate devices by flashing lights or using a horn. Can open a garage door, parking gate, lights etc. Powered by the car.

JA-80T interface cable



allows the control panel to be connected to a PC's USB port. Suitable for installers and users who want to supervise the system by **Olink** software. The **JA-80BT** interface enables Bluetooth connections.

JA-80S fire detector



combines an optical smoke sensor with a heat sensor. Has a built-in siren for local audible warning and a self testing feature. It can be disabled for cigarette smoke or fireplaces.

PC-01 proximity card



up to 50 cards (or **PC-02** key tags) can be enrolled to operate the system. The card can also be combined with a four digit PIN for higher security.

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