



KS16401000.3XX - wls version in different colors



## Description and functionalities

The outdoor siren **imago wls** is an acoustic and optical professional alarm with a unique and exclusive, extremely compact and slim design (its maximum thickness is 6 cm.) together with an advanced technology to combine the best possible performance with the highest energy saving: high sound pressure, 1W LED blinker and auxiliary high-efficiency low-consumption warning LED.

The siren is fully controlled by two micro-controllers: a main process micro-controller (verification of all conditions and execution of all the required actions) and a communication micro-controller for RF bidirectional channel (receiving commands, sending signals, diagnostics, etc.).

**imago wls** can use 2 different power supply systems: a proprietary 7.5V 8Ah battery pack, not rechargeable (that will must be replaced once discharge) separately sold as optional OR an external power supply (12V) with 6V 1.2Ah backup lead battery (not provided).

**imago wls** is protected against opening or removal from wall (tamper protection), and, despite of its small dimension, hides a strong under-cover anti-smashing. The high quality material with UV protection and the sophisticated project grant long time endurance against all atmospheric agents.

**imago wls** is available in different colors and, on request, can be customized with the Installer logo. The transparent base is available in different colors: orange, red and blue; the front cover available colors are: white, gray, blue and green.

we care



## COMPLIANCE

- Europe - CE, RoHS  
EAC



## Technical characteristics

### Power supply:

- Alkaline battery 7.5V/8Ah non-rechargeable, separately sold as optional  
OR  
(not provided) External power supply (12Vdc) and a 6V 1.2Ah backup lead battery with power supply 9V (min.) - 13.8V (max)

- Operating temperature: -10°C +55°C 95% humidity
- Protection degree: IP43
- Dimensions (l x h x p): 195 x 330 x 60 mm
- Weight: Kg 1.200 (without battery)
- Wireless bi-directional communication: 868MHz frequency
- RF Range: 300 m. in open air

- Modern Design with original and convenient rotating opening
- Solid housing (minimum thickness 3 mm.) with anti-UV pigment
- Front available in different colors
- Transparent base available in different colors: orange, red and blue
- Strong metallic zinc-plated under-cover (anti-smashing)
- High acoustic power piezoelectric Buzzer (>100dBA - 1m)
- Protective and insulating treatment of the PCB (conformal coating)

## Quantity data

lares 4.0 models	wls 96	16	40	40 wls	140 wls	644 wls
Maximum number of wls sirens	3	3	3	3	5	5