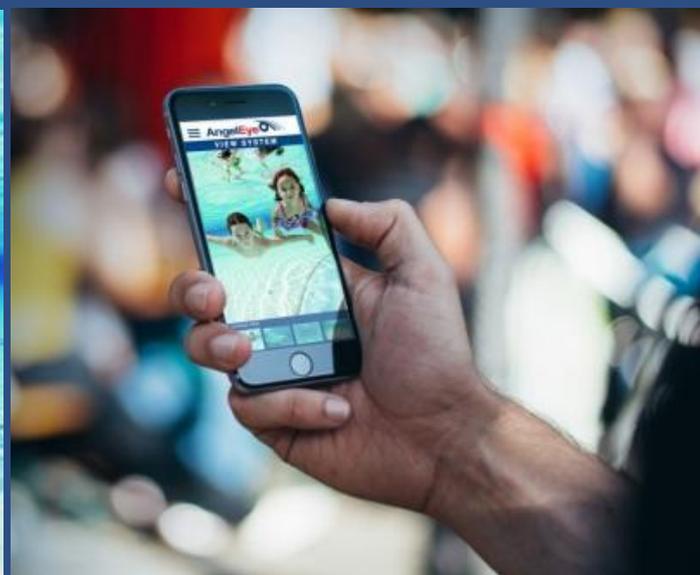# AngelEye LifeGuard 50

**AngelEye**

AngelEye LifeGuard 50 is an alarm system aimed at pool drowning prevention.

Thanks to new underwater LED lights, which include special video cameras and sensors, the AngelEye software is able to analyze any movement in the water suggesting a person is beginning to drown, thus immediately alerting safety personnel.

AngelEye LifeGuard 50 is a promotion specifically created to meet the requirements of 50-meter pools.

Installation is simple and allows for the replacement of any pre-existing underwater lights with our new LED-inbuilt devices.

The system-generated alarms can be sent out through the most modern devices such as personal computers, tablets and smartphones.

## Technical Specifications

| | |
|---|---|
| **Clientele** | This solution is exclusively thought for public and private swimming with a 50-meter sports pool. |
| **Pool Types** | All types of pool, including those made of steel, tiles, PVC and fiberglass. |
| **Pool Size** | Pools of regular shape (rectangular), 50 meters long and between 12 and 21 meters long, with a depth of minimum 1 meter to a maximum of 4 meters. |
| **Number of Underwater Devices** | 20 underwater devices, which are placed in two 10-set groups on the two longer sides. |
| **Underwater Device Types** | LED-lights with integrated safety sensors and video cameras, which one can install to replace pre-existing lights. |
| **Central Unit** | This is made up of all suitably-configured hardware and software components the system needs to function; these are put in a rack. |
| **LED Lighting** | Each underwater device includes – on top of the sensors and drowning alarm equipment – one set of LED lights. |
| **Installation** | The installation is care of the local AngelEye distributor or the nearest AngelEye distributor. <br> AngelEye delivers pre-configured systems so as to be operational as soon as the installation is finished. <br> Technical support by AngelEye – round-the-clock on demand – provides all the help needed as well as the necessary technical documentation. <br> The installation method for underwater devices is akin to that of all pool lights; therefore, it is easy to implement by the abovementioned technicians. <br> Underwater devices come with niches and can be installed in any available niche devoted to pre-existing lights; in this case, no invasive interventions to the pool are needed. |

## Standard Equipment

| | |
|---|---|
| **Standard Equipment** | – Pre-installed and configured central unit together with hardware and software; <br> – 20 underwater devices, which include: <br> ▪ safety video camera with drowning-detection sensors, <br> ▪ LED light, <br> ▪ 10 meter underwater cable, <br> ▪ Housing niche for the pool or adapting systems for pre-existing niches, <br> ▪ 5 App Android and iOS licenses for managing alarms |
| **Requirements** | AngelEye LifeGuard 50 relies on the NRS module (Noise Reduction System) which requires an internet connection (shared ones are fine). <br> Furthermore, it is necessary to provide data cabling to connect the various components to the central unit. <br> Ideally, the use of a wireless network, a PC and App AngelEye-compatible smartphones are preferable to achieve optimal functioning. |
| **Maintenance Service** | Maintenance yearly fee, starting on the day of activation, which includes: <br> ▪ Faulty parts replacement via the "Assistance Center" mode <br> ▪ software updates <br> ▪ Noise Reduction System (NRS) service |