



# Case Study



Area: Bulgaria  
Type: Multifunctional Complex



## Sports Complex Kamchia Kamchia Resort, Varna / Bulgaria

Integrated Lonix Building Automation and Security Systems exceed all expectations at the multifunctional Sports Complex Kamchia in Varna, one of the most popular holiday destinations in Bulgaria.

Automation | Security | Software

# Comfort, Safety and Easy Management of Facilities at the multifunctional Sports Complex Kamchia in Varna

The multifunctional Sports Complex Kamchia in Varna uses the Integrated Lonix Automation and Security Systems to create comfortable and safe surroundings for their guests and residents. At the same time, facility management benefits from using the integrated system to achieve extremely easy operation and management of the site.

## The Customer

Sports Complex Kamchia is the most state-of-the-art sports and recreation facility on the territory of Bulgaria. It is located within the complex Kamchia, 25 km away from Varna city, and is part of the Kamchia Sanatorium Rehabilitation Complex. The combination of sports facilities, accommodation units, diagnosis and treatment center and balneological center turn the Sports Complex Kamchia into a perfect place for sports and recreation camps.

Kamchia Sports Complex provides conditions for year-round adequate and efficient sportive and technical training for the residents in the complex. The complex includes facilities for miscellaneous sports activities, such as running, volleyball, basketball, handball, ice hockey, swimming, water polo, diving, synchronized swimming, also observing the Olympic standards.

Total floor area: 15 000 sq.m.

*"System integration is a powerful tool for efficient facility management - an enormous advantage for building managers and owners."*

Anu Kätkä, CEO of Lonix Ltd

## Project Features:

- Building Automation
- Lighting Control
- Access Control
- Intruder Alarms
- Video Surveillance
- Integrated BMS

## The Challenge

A building complex with lots of functions and visitors needs to maintain its spaces fully functional at all times. Proven technology and robust functionality are essential requirements in busy destinations like the Sports Complex Kamchia, a site with multiple buildings and functions to serve huge number of visitors.

In addition to high quality of technical products and systems, also the capability to integrate the building systems throughout the site is essential, in order to allow for extremely user-friendly daily operation as well as smooth maintenance of the systems.

**Modern IBMS with robust functionality and comprehensive monitoring features is in use at the Sports Complex Kamchia.**

## The Solution

The Sports Complex Kamchia uses Lonix Automation & Security Systems to create secure, comfortable surroundings for their visitors, and to guarantee undisturbed conditions and smooth operations on the site.

Building automation, lighting controls, access control, intruder alarm and video surveillance systems are combined into a fully integrated solution for building controls and management, which makes it the perfect solution for secure, yet energy-saving buildings.

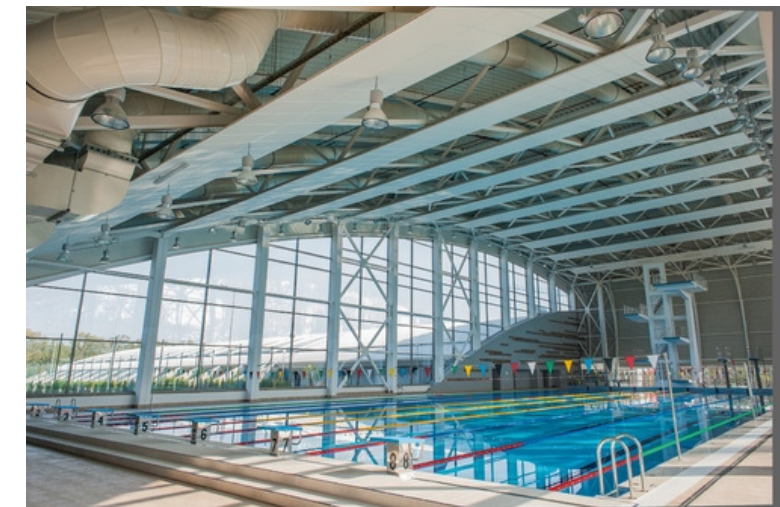
The controls and management of Building Automation is implemented with the versatile Lonix FLEX Series Controllers. Having the all-inclusive control and monitoring features for BMS and lighting control systems alike, the Lonix FLEX Series Controllers bring the intelligence also to lighting controls in Kamchia.

The IP driven access control, intruder alarm and video surveillance systems fulfil all the requirements of the demanding customer, thereby maximising the safety and security in the whole complex.

## The Benefit

Lonix Automation and Security Systems installed at the Sports Complex Kamchia deliver comfortable, safe and secure surroundings for the demanding customer throughout the large building complex.

Adoption of holistic approach and system integration throughout the site supports efficiency gain: The modern systems with robust functionality and comprehensive monitoring features allow for efficient management of facilities, supported by the convenient integrated user interface, as well as lower life cycle costs over time.



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Read more at [www.lonix.com](http://www.lonix.com)

## LONIX LTD

Hämeentie 153 C  
FI-00560 Helsinki  
FINLAND

Tel. +358 9 349 9853  
Email: [info@lonix.com](mailto:info@lonix.com)

[www.lonix.com](http://www.lonix.com)



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