



# Gym & Swimming Pool Solutions using OmniWOT

## Enhancing Fitness Facilities with IoT

In today's health-conscious society, providing a safe and well-maintained environment in gyms and swimming pools is crucial. OmniWOT's IoT-based solution offers comprehensive monitoring and automation to ensure optimal conditions, equipment longevity, and member safety.

## Challenges in Gym and Swimming Pool Management

- **Equipment Wear and Tear:** Uneven usage patterns can lead to premature equipment failure.
- **Environmental Conditions:** Maintaining optimal temperature, humidity, and air quality is essential for member comfort and health.
- **Water Quality Management:** Regular monitoring of swimming pool parameters like pH and temperature is vital for hygiene.
- **Access Control:** Ensuring that only authorized individuals with normal body temperature access the facilities.

## OmniWOT's Smart IoT Solution

Our wireless, cloud-based monitoring system enables facility managers to remotely track and manage gym and swimming pool environments effectively.

## Comprehensive Facility Management

**Equipment Monitoring:** Tracks usage patterns and power consumption to schedule maintenance and prevent overuse.

**Environmental Monitoring:** Measures temperature, humidity, CO<sub>2</sub> levels, and PM2.5 to maintain optimal air quality.

**WatchNET IoT**

**Water Quality Monitoring:** Monitors pH levels, water temperature, and detects leaks to ensure pool hygiene.

**Access Control with Temperature Screening:** Integrates facial recognition and temperature checks to allow entry only to individuals within normal temperature ranges.

## Simple, Clear & Timely Alerts

**Equipment Usage Alerts:** Notifies when equipment usage exceeds set thresholds, indicating potential overuse.

**Environmental Condition Alerts:** Sends alerts if temperature, humidity, or air quality deviates from optimal ranges.

**Water Quality Alerts:** Provides notifications for abnormal pH levels, temperature changes, or detected leaks.

**Unauthorized Access Alerts:** Alerts management of any access attempts by individuals with elevated body temperatures.

## Key Benefits of OmniWOT's Smart Parking Solution

1. Wireless Siren
2. Wireless Temperature and Humidity Sensor
3. Smart Door Sensors
4. Water Leak Sensors
5. Air Quality
6. Wireless pH Sensor
7. Wireless Plug-and-Play Power Outlet with Consumption M
8. Turbidity Sensor
9. Water Level Sensor
10. Temperature Sensor





## Effortless IoT Integration with OmniWOT's Open Cloud Platform

OmniWOT's Open Cloud Platform is designed for seamless connectivity, enabling **Wireless IoT sensors to effortlessly onboard via LPWAN/LoRaWAN Gateways**.

With a **hardware-agnostic architecture**, it supports a broad range of IoT devices, providing **scalability and flexibility** for diverse applications.

Unlock real-time monitoring, smart automation, and data-driven insights with minimal setup effort, making IoT integration more efficient and future-ready.



## Key Benefits of OmniWOT's Gym and Swimming Pool Solution

**Enhanced Equipment Longevity:** Regular monitoring helps in timely maintenance, extending equipment life.

**Improved Member Experience:** Maintaining optimal environmental conditions ensures member comfort and satisfaction.

**Ensured Water Hygiene:** Continuous monitoring of pool parameters guarantees a safe swimming environment.

**Increased Safety:** Access control with temperature screening adds an extra layer of safety for all members.

## Transform Your Parking Management with OmniWOT's IoT Solution

OmniWOT's advanced wireless sensors, real-time analytics, and automated alerts ensure efficiency, safety, and convenience for gym and swimming pool facility managers and members.

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 **OMNIWOT**

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