OPTEX CO., LTD.

Company Description

Optex Business Model

Optex has been providing products and services based on the concept of "safety, security, and comfort," as we endeavor to resolve a wide range of issues in society and industry.
We are continually striving to be the global leader in sensors for niche demand in specific fields, by providing unique and overwhelmingly distinctive solutions developed using our advanced technical capabilities that competitors cannot easily emulate, and drawing on the extensive expertise we have built from data accumulated around the world.

- **Security Business**

Prevent Terrorism and Crime With the Early Detection of Intruders
Optex provides safety and security to people around the world with our security sensors for machine security systems that are used in a variety of scenes, from major social infrastructure to commercial facilities and general households worldwide.
Our focus in this field is on "prior deterrence" that prevents crime. Existing machine security systems have mostly been "after-the-crime notification" that detects an intruder once he has entered the building. However, as crimes are becoming even more heinous, we believe "prior deterrence" is important as a way of detecting intruders outside before they enter a building.

- **Automatic Door Business**

Providing Comfort and Safety at the Entrance of Facilities and Buildings
Since we became the first company to commercialize far infrared automatic door sensors, Optex has been meeting the safety standards of each country, and developing products that can create the most comfortable entrance environments possible at sites around the world where they are used.
We don't just develop products at Optex; we also offer a comprehensive range of services from consulting to select the right product for your site, to installation of the selected products and follow-up maintenance.

- **Water Quality Measurement Business**

Simple Water Quality Monitoring and Easy Preventative Maintenance for Keeping Track of Water Environments
Optex developed the world's first automatic measurement system to measure the transparency of water, and since then we have been providing equipment to support water quality inspection sites and assist with the measurement of water quality in natural environments, at water processing facilities, and in manufacturing processes.
We are also linking existing Optex water quality measuring instruments to separate systems for communications and monitoring, and working on developing a system for the overall maintenance and management of water safety.
Optex is striving to make water quality monitoring more accessible to everyone, by launching a low-cost and low-maintenance water quality monitoring system in countries around the world.

- **Parking Lot Business**

Making Operating a Parking Lot More Efficient, and Providing Better Services
Optex vehicle detection sensors do not need to be buried underground. Our sensors can be attached to a pole, which roughly halves the usual construction time and saves on the labor required for installation.
Optex vehicle detection sensors can also reliably detect cars that use carbon fiber reinforced plastic (CFRP), which is expected to become more widespread from hereon. Optex sensors make it possible to operate a parking lot for all vehicle types. Optex vehicle detection sensors will likely change the face of coin-paid parking lots, parking meters (above ground parking lots) and parking lots in commercial facilities.

- **Lighting Business**

Eliminating the Anxiety of Being in Dimly Lit Areas, and Providing People With Peace of Mind
Optex outdoor lighting, which provides not only security but also an appropriate level of lighting for various scenes. Optex outdoor lighting provides just enough light for when people and vehicles are detected, and then dims the lighting to the minimum amount required when no one is around.
Optex solar lights can be used as stand-alone outdoor lighting that can provide light for a long period of time, even when there is no power source available.

- **Store Management Business**

Providing Visitor Data That Is Essential to the Retail Industry
The Optex people counting system has a role in retail solutions by outputting quantitative data on the number of people and their attributes, etc.
Our people counting system does highly precise image analysis on the complex movements of people, and accurately counts the number of people. This is why it is being used in many commercial facilities, event venues, public facilities, and

such other places, and boasts an impressively large market share.

- **Building Automation**

Optimizing Indoor Environments and Making Effective Use of Spaces
Human detection sensors used for the automation of buildings can coordinate lighting and air conditioning systems, and make it possible to save energy, boost productivity, and create a more comfortable indoor environment by controlling the illuminance and temperature. Additionally, using these sensors will enable companies to check things such as the usage of meeting rooms, break areas, and free desks in offices, and also make optimal use of office spaces so as to eliminate any chronic shortage of space.

- **IoT Business**

Actualizing an IoT Business That Will Resolve Various Management Issues
By attaching sensors to various equipment and then connecting them together, businesses can automatically and remotely monitor operations, and ensure that everything is running smoothly. IoT and sensors can also be used to create completely new applications.
Optex has been working with companies that build and run various industry solutions, and using our sensor data to cocreate businesses and services that we cannot realize on our own.

Company Details

Head Office
Japan

Main Business
各種センサーの企画・開発、販売など

President
上村 透

Established
2017年1月1日

Capital
3億5,000万円

Number of Employees
101 - 500

URL
https://www.optex.co.jp

Offices

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