



3 EMTAKE Inc.

AT A GLANCE

Business Type
Corporation

Date of Foundation
Feb. 23, 2018

Number of Employees
6

Annual Sales(USD)

2019	600,000
2020	4,000,000
2021	600,000

Capital(USD)

2019	190,000
2020	190,000
2021	200,000

Certifications
FCC, CE, TELEC
INNOBIZ, Ventuer

MAJOR CUSTOMERS (%)

Korea	North America	China	Others
20%	3%	6%	10%
S1 LG Chemical	Wyoming State Government	Lock & Lock Dianyang	Chosen (Thailand) EMTAKE Vietnam (Vietnam)

MAJOR REFERENCE

PARTNER COMPANY	PRODUCT	CONTRACTUAL AMOUNT(USD)
S1	Thermal Camera	\$x00,000
LG Chemical	Safety system	\$x00,000
Dianyang	Thermal Sensor	\$x00,000
Flexsystem	Thermal Sensor	\$x,000,000

CONTACT INFORMATION

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COMPANY OVERVIEW

CEO and Founder : Yongho Cho | **Accumulated Sales:** \$5.3M | **Accumulative Investment:** \$1.8M

EMTAKE develops sensors and modules that detect thermal and bacteria using IR / UV wave characteristics. And he develops/does business human care/safety products and solution that are not in the world using his sensors and modules. For the success of these business, EMTAKE is cooperating with Korean government research institutes (KOP-TI, KICT) and large global companies (LG Chem., Hanhwa System, S1) for development and business. EMTAKE would like to make business partnerships with professional dealers and to get investment from VCs with many experience for US Market.

MAIN PRODUCT

[Service Product]

Fire Signal Detecting Thermal Network Camera & System

- About : Before a fire occurs, Thermal camera and monitoring system that analyzes heat rise to detect signs of fire and generate an alarm.
- Feature : Entry-level, Accuracy, Reliability, Easy Installation/Operation
- Applicable to : Electric distribution/Switchboard, high-heat process factory, Shopping malls

Ground/Mountain and Building Collapse Sign Detectors and Systems

- About : Detecting signs of collapse by analyzing fine movements to alert and monitor at the site.
- Feature : Entry-level, precision measurement, easy installation/operation, waterproof
- Applicable to : Building/tunnel/bridge construction and demolition, underground/underwater structures

[Hardware / Device Product]

Intrusion detection system in danger/control area

- About : Detecting heat/movement of people and alarm with sound/LED on the line within 20 yd ahead
- Feature : Entry-level, sensing angle/performance adjustment, easy installation/operation, waterproof
- Applicable to : loading docks, construction sites, controlled areas/lines, fallable areas etc.

Bacteria detecting Semiconductor sensor & Module (under developing)

- About : Semiconductor photo sensor for detecting food poisoning bacteria with non-contact & real-time
- Applicable to : Home appliances/kitchen products (refrigerator, water purifier, etc.), food production plants, group catering facilities

