

# EMTAKE Inc.

We contribute to protecting life and property in advance from disasters and diseases caused by rapid climate / environment / Industrial changes

## Safety-Care Systems

- 1) Building & ground collapse sign detection
- 2) Chemical leak & water level detection
- 3) Fire signal detection

## Health-Care Systems

- 4) Multi sensing AI Camera for Health-care
- 5) Photo semiconductor bio sensor & Module

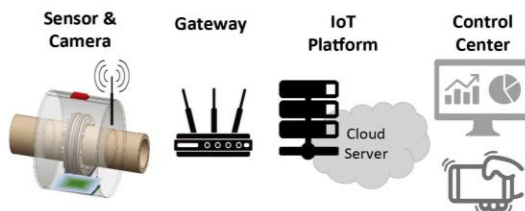


Chemical

## Toxic Chemical leak detecting Sensor & System



- Affordable chemical & gas(option) detection **01**
- Wireless remote monitoring system **02**
- High accuracy, easy to install (No cable) **03**



<b>Detecting Chemical</b>	12 Toxic Chemicals, gas (option)
<b>Battery</b>	DC 9V x 4 units (Very Low power)
<b>Operating Temp.</b>	-30 °C ~ 70 °C
<b>Communication</b>	Wireless : 900Mhz, LoRa
<b>Monitoring System</b>	Server & Monitoring Program
<b>Customizing support</b>	According to customer requirements

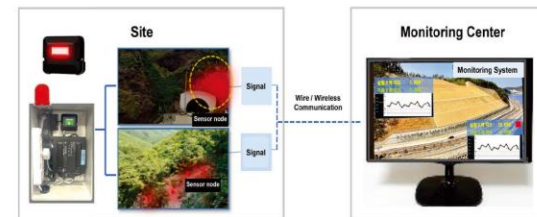


Collapse

## Building / Ground Collapse signal detecting System



- High cost-effectiveness detecting system **01**
- Wireless remote monitoring system **02**
- Real-time, High accuracy, easy to install **03**



<b>LED</b>	High Brightness RED LED
<b>Sensitivity</b>	Rotation : <0.01°
<b>Button / Port</b>	Power / Alarm, Data, Power input
<b>Operating Temp.</b>	-30°C ~ 70°C
<b>Communication</b>	900Mhz, LoRa, LTE, Ethernet(Wired)
<b>Monitoring System</b>	Server & Monitoring Program
<b>Customizing support</b>	According to customer requirements





Fire

# Fire sign detecting Thermal Image IR Camera



01 Real-time fire sign detection before fire

02 Affordable, high accuracy, easy to operate

03 Compatible with existing CCTV system



Sensor	80 x 60 Micro Bolometer Array IR
Lens angle	90° / 30° Shutterless
NETD	100 mK
Operating Temp.	-20 °C ~ 50 °C
Network	Ethernet(RJ45), WiFi
Protocol / Video	ONVIF / H.264 / MJPEG / Raw Data
Monitoring System	Server, Monitoring Program & App.



# Baby-care AI Camera

“MOM-i” is an innovative camera that is essential for safely raising my baby.

- Watch my baby behavior and surroundings in HD video and audio on a smartphone.
- Check my baby health status including fever, breathing problem and crying.



GOLDKIZ

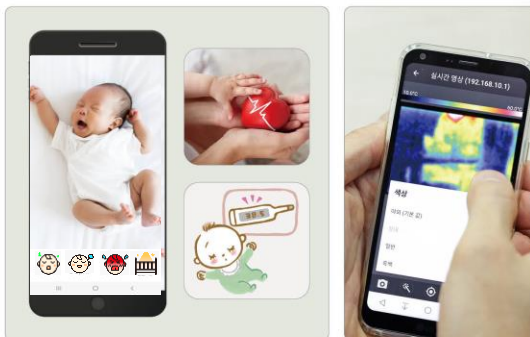


01 Enjoy a baby videos on a smartphone App.

02 Vital signal : Temperature, Breath detection

03 Check the environment of a sleeping baby - Env. Temp., Humidity, Illumination, Noise

04 Send alerts to my smartphone in real time



# Company Ability

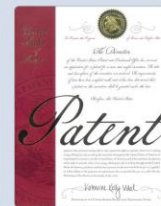


Registered patent : 8 (Korea 6, US 2)  
Applied patent : 4 (Korea 3, US 1)



## Export Performance

US, China, Thailand, Vietnam etc.



## References



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The product functions, performance, and design specified in this brochure may differ from the actual products.