

# EMTAKE NEWS

THE LATEST EMTAKE NEWS AND ANNOUNCEMENTS

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## - Main News -

Launched low-end black body  
integrated thermal  
imaging camera

Launched entry-level IP  
network thermal imaging  
camera

Popular thermal image sensor  
module sales provided for  
Windows/ Android SDK

Virus/Bacteria Killer UV-C  
LED Sterilization Tumbler  
Released

B2B Business Case

Certification / US Patent  
Application

Recruitment of overseas partners

Overseas National Reseller /  
Continuous recruitment of business  
partners

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Product Information: [www.emtake.com](http://www.emtake.com)



## THERMAL IMAGING CAMERA

- 1) Emtake developed a low-cost Blackbody (model name EBB) combined with a thermal imaging camera for accurate body temperature measurement launched in January 2021.
- 2) In conjunction with EMTAKE Blackbody (EBB), was developed a thermal imaging camera (MT30+EBB) for heat detection that can accurately measure body temperature launched it in January 2021.
- 3) In preparation for Post Covid19, EMTAKE developed a low-end IP network thermal imaging camera (MT50 + EBB) that can detect multiple thermal imaging cameras in one monitoring system launched it on January 21st. Can be used for two purposes, such as detecting body temperature and detecting fire signs, depending on the monitoring program.



- 4) A low-cost, high-resolution (320 x 240) Thermal Imaging Camera (Model DP32) exclusively for detecting human body heat was launched by EMTAKE. It has features such as accurate body temperature measurement with a shutter, the ability to recognize/measure three heads at the same time, the ability to set up to three monitoring areas, and the ability to link with the black body.
- 5) On January 21st, Emtake launched a low-end all-in-one Kiosk Type Body Thermal Imaging Camera (model name: YMK30) equipped with a PC, a display, and a Blackbody as standard. Body temperature measurement is accurate due to simple installation/operation and black body interlocking type.



## NEW UV-C-STERILIZER

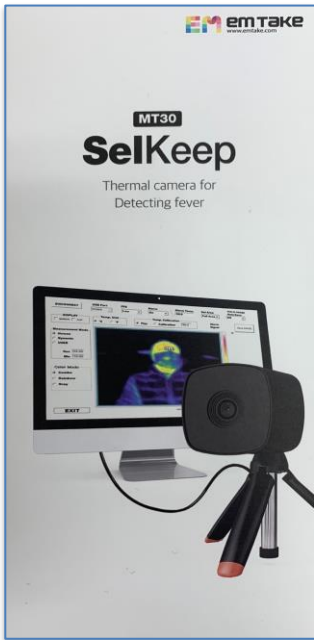
In the COVID19 era, Emtake launched a powerful UV-C LED sterilizer that protects health by sterilizing viruses and bacteria.

- 1) Sterilization tumbler (model name ET30): The sterilization tumbler is made of stainless steel 304 and Ecozen, materials harmless to the human body, completely waterproof, and washable.
- 2) Portable sterilizer (model name: ES30): Provides a 6mW high-power sterilization power and a multi-purpose kit such as cups, is lightweight and easy to carry. The coral color and small size make it suitable for gifts.

## THERMAL IMAGE SENSOR BUSINESS



- 1) To profitably sell the low-end 80x60 thermal image sensor module, it is possible to amply provide it to leading companies that progressively develop and reliably produce thermal imaging cameras by completing the Android/Windows SDK development. There are three types: a shutterless module with a 30 degree/90-degree lens and a shutter module with a 50-degree lens.
- 2) VOx's low-end high-resolution thermal image sensor module can also be supplied. Two high-resolution thermal image sensor modules with 320x240 (VGA) and 256x192 resolutions are available. Product development is manageable because data and power can be adequately supplied through the USB interface.



## B2B BUSINESS CASE

- MT30: Supplying to educational facilities in Wyoming, USA.
- MT50: Delivering to domestic security SI company A and department store B for fire detection.
- YMK-30: In delivery to C-gun office in Gyeongsang-do, Korea.

Recruiting Overseas Business Partners



## NEW CERTIFICATES AND PATENTS

- 1) On Dec 20, EMTAKE was selected as a promising export company for small and medium-sized businesses and a "regular support company" by the Korea Institute of Construction Technology. Also was selected as a promising small and medium-sized export company by the Korea Institute of Technology in December 2020 for its excellent product capabilities and innovative technology and by the Ministry of SMEs and Startups.
- 2) Emtake has been recognized by the Korean Accreditation Organization (KOLAS) for a measurement temperature error of 0.3 degrees. It is an inexpensive thermal imaging camera, but its performance is the level of an expensive product.
- 3) Emtake applied for patents and trademark rights in the United States on January 21st to protect the technology and trademark rights of thermal imaging cameras.

