



Connecting @ light speed

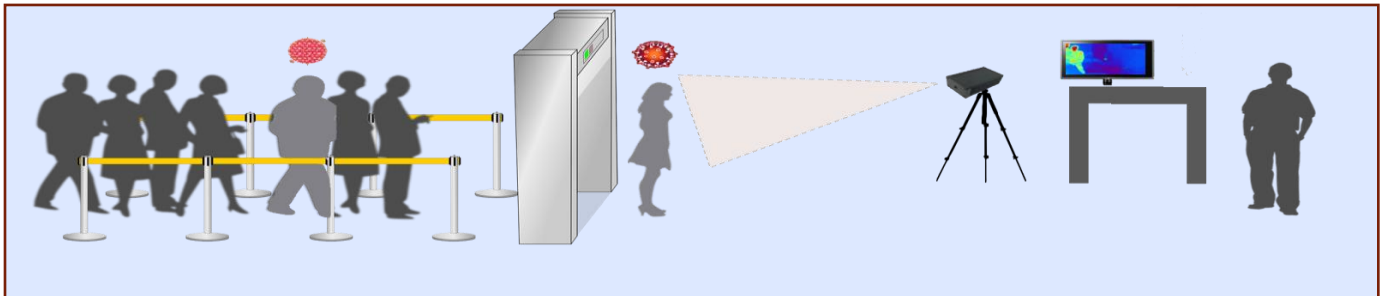
210 Sylvan Ave, Ste 25, Englewood Cliffs, NJ 07632  
201-296-0145 | info@vitextech.com | www.vitextech.com



Fever Detection System FDS-100

With COVID-19 spreading around the world, your customers and employees may be concerned with the risk of infection. Put their minds at ease with **Fever Detection System**.

One of the most common symptoms of COVID-19 is an elevated body temperature. Fever Detection System (FDS-100) is designed for no-contact fever screening of persons in high-traffic areas. It can help slow the spread of the virus and provide a safer environment for your staff and customers.



*We provide 24/7 tech support from our US head office*

System Price: \$7500  
Lead Time: 2 to 3 weeks ARO

*We understand that these are unprecedented times and we want to ensure that this purchase is a stress-free one for you. To that end, we are offering a **30 day money back guarantee** on our Fever Detection System, FDS-100. If you are unhappy with FDS-100 for any reason, return it to us within 30 days, no questions asked.*

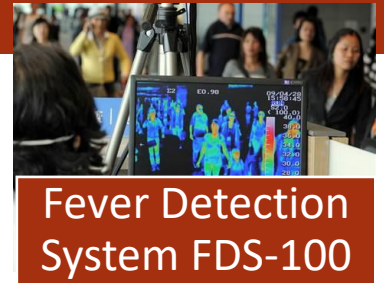
## **How FDS-100 works**

FDS-100 consists of a camera (thermal + optical) and a laptop with CMS software. When the thermal camera detects a body temperature above the pre-set threshold, an alarm sounds on the monitoring laptop. All of this happens in real time. An email notification is sent to the email address in the system.

## **FDS-100 in the market**

FDS-100 is manufactured by a leading security systems company in South Korea. It was developed several years ago for thermal monitoring at critical facilities like power plants. Kepco (Korea's largest electric power supply company) was one of the first customers to deploy the system in their plants for continuous heat monitoring.

When COVID-19 started to infect people around the globe, South Korea imposed strict regulations to stop the spread. Major hospitals and other organizations in Korea now use Fever Detection System (FDS) in their facilities to screen febrile individuals.

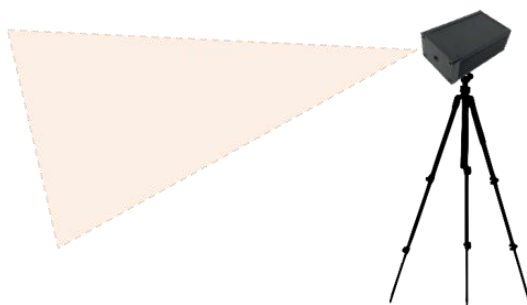


FDS has been successfully deployed in these hospitals and major companies.

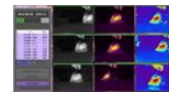
- Chonnam National University Hospital
- Korea Cancer Center Hospital
- Shinchon Severance Hospital
- Jinju Gyeongsang National Uty Hospital
- Changwon Gyeongsang National Uty Hospital
- Seoul Sungshim Hospital
- Pyeongtaek St. Mary's Hospital
- KEPCO (largest power company in Korea)
- Hyundai Steel corporation
- POSCO (one of the largest steel producers in the world)

## Benefits of FDS-100

- Non-contact temperature measurement
- Simple set up and installation
- Quick and accurate measurement
- Easy monitoring
- Automatic alerts
- Auto recording function
- Auto e-mail transmission
- Temperature display and history function



- Thermal Camera  
- Tripod



- CMS Software



- Laptop / Desktop

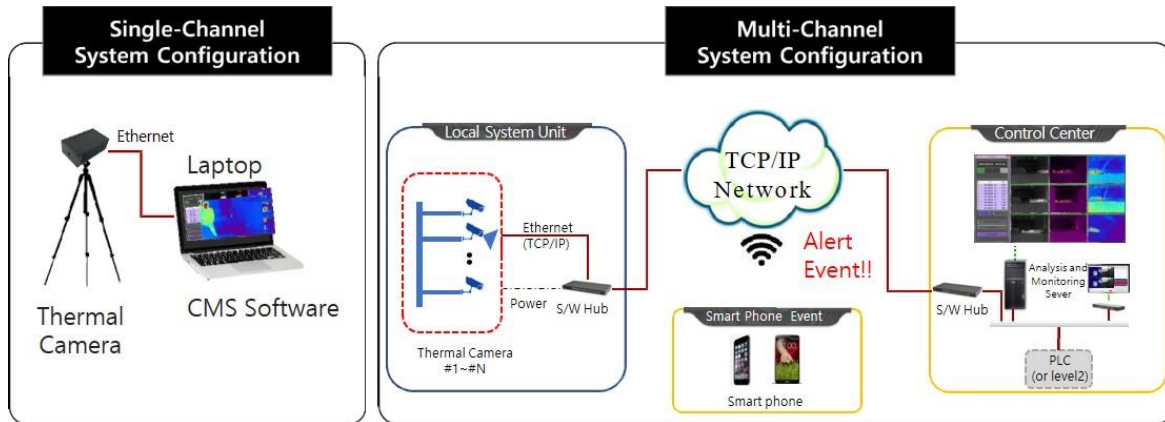
## What's in the box

All FDS-100 systems come with:

1. Dual Camera (Optic + Thermal)
2. Tripod
3. Laptop with CMS software installed
4. POE Switch
5. Connection cables
6. Instruction Manual



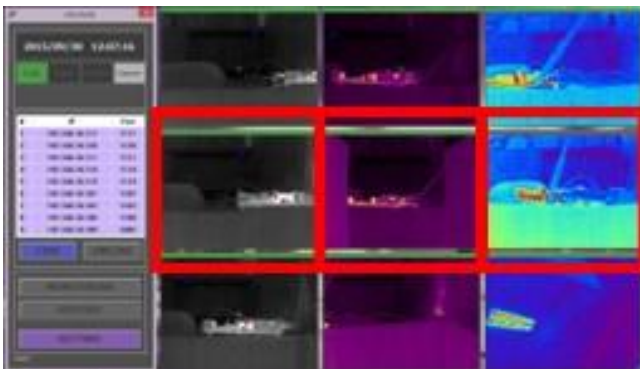
## Configurations



## Camera Specifications

Camera Type	Dual Thermal + Optical
Temperature Accuracy	$\pm 0.5^{\circ}\text{C}$
Resolution	Thermal - 160 x120
Spectral Range	8~14 $\mu\text{m}$
Pixel Size	17 $\mu\text{m}$ /12 $\mu\text{m}$
FOV	56° (H) x 71° (V)

## 9 Ch CMS Software



- B.W /Color image Support
- Intuitive UI/UX
- Digital Signal (Image+Temp.)
- Display Temp. Information
- Event control (abnormal Temp.)
- Send E-mail when abnormal temperature is detected
- Smart Phone/PC Web observation



Connecting @ light speed



Fever Detection System FDS-100

## Target Markets

1. Airport



2. Hospital



3. Terminal



4. Public Institution



5. Building Entrance



+ Can be installed at wherever necessary  
(Densely populated areas such as factories, schools, army bases, convention and concert halls / or small businesses etc.)

DISCLAIMER – Fever Detection System (FDS-100) is not intended to diagnose COVID-19 or other diseases. It only measures elevated body temperatures which is one of the symptoms of infection. Asymptomatic individuals will not be detected by FDS-100.

## Contact Us

Vitex LLC  
210 Sylvan Ave, Suite 25  
Englewood Cliffs, NJ 07632  
201-296-0145 | info @vitextech.com  
www.vitextech.com