

VFDS



Making Security Easier.



WHAT IS VFDS?

1、Early-Stage Flame & Smoke Detection

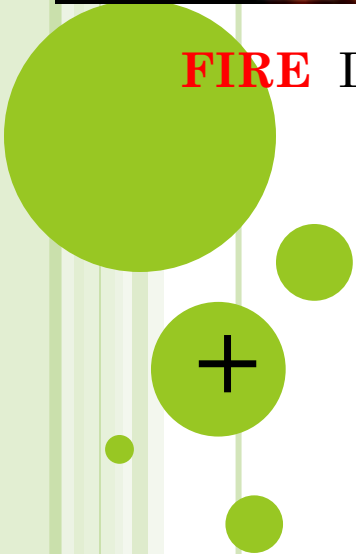


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FIRE Detection

Smoke Detection



2、Immediate Visual Alarm Verification (alarm confirm)

3、Surveillance Control(CCTV)



HOW VFDS WORK ?



Pixel Change

1. Flame: 12x12 pixels/within 30secs
2. Smoke: 30x30 pixels/33~80secs

SMOKE & FIRE ANALYSIS :



COLOR
SHAPE
GROWING MODE
Blink Rate
Smoldering



SMOKE & FIRE
GROWING MODE

What are lacking for Traditional Fire Detector?

Present detectors

Intensive installation
-> High cost

Regular Inspection needed

Take to long
To detect fire
in large space

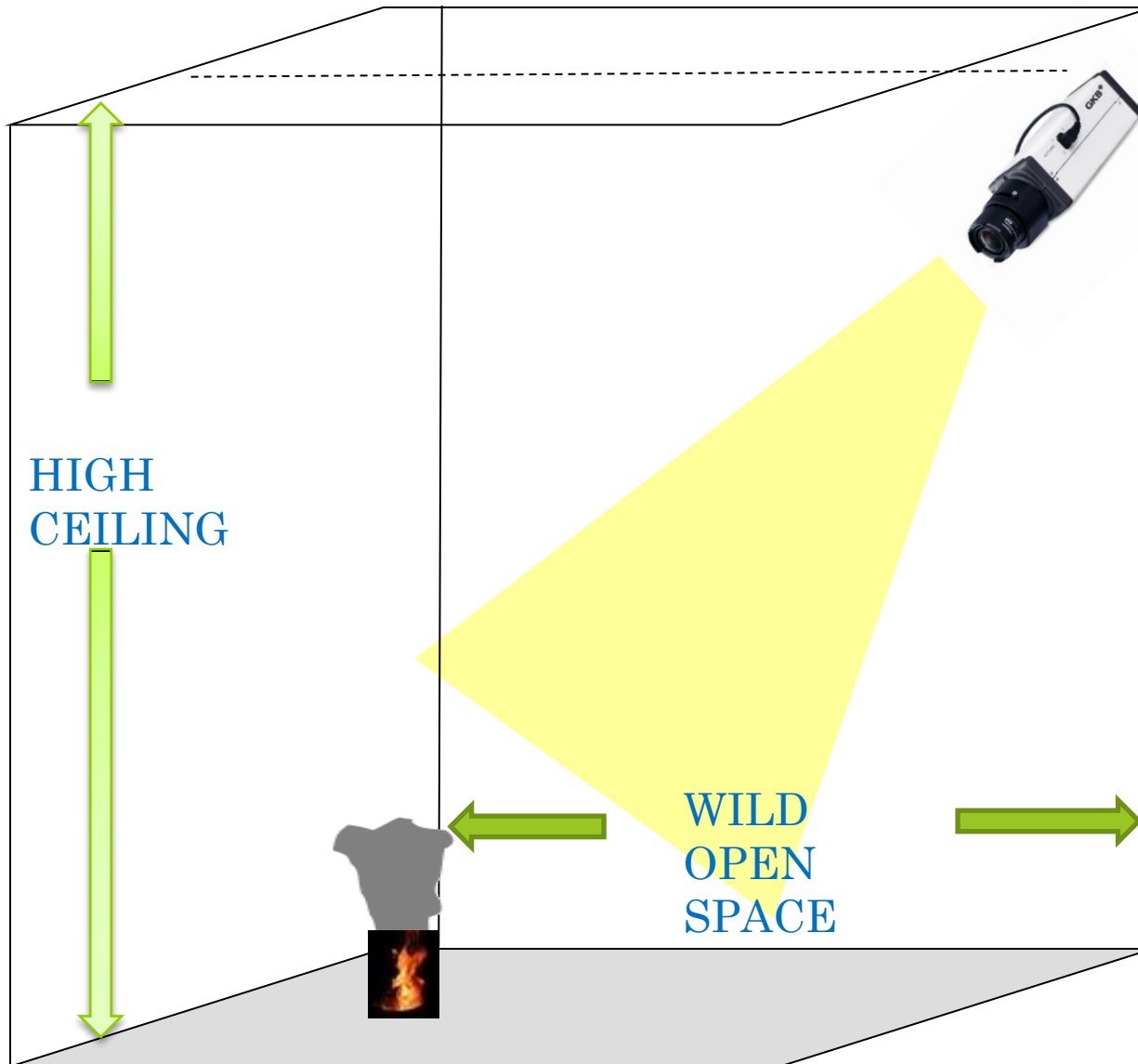


Manual confirmation on-site

Fire or Smoke first in the hazard?



VFDS Alarm Verification process



***immediate
video/
sound alert
pop-out alarm
notice/
alarm-recording***





VFDS Features



Visual Alarm Verification

Immediate Awareness of Fire



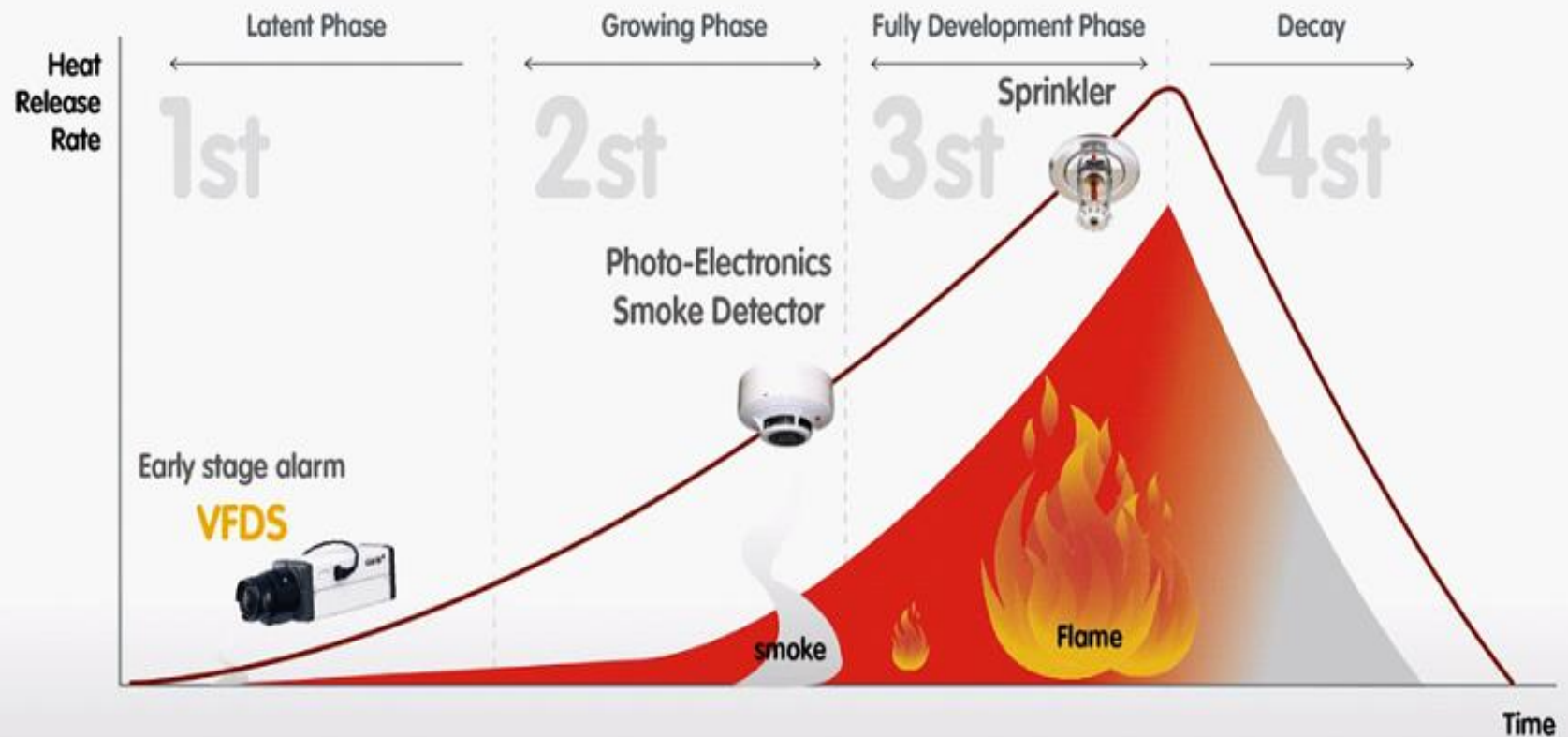
No Solution but VFDS :

Indoor Excessive-Ceiling Space

Outdoor Wide-Open Space

Feature 1

Early-Stage Fire Detection



Feature 2 Visual Alarm Verification

→ To see is to detect !

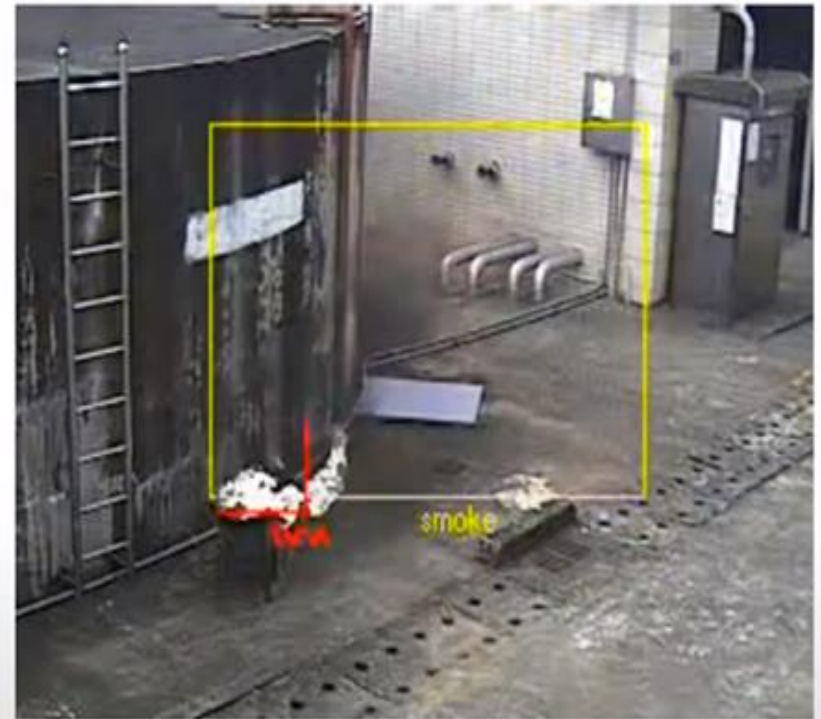
Smoke

SMOKE



Flame

FLAME





WHY YOU HAVE TO CHOOSE VFDS

- 1. Save money, property
- 2. Save life
- 3. Can install outdoor
- 4. See and detect

