

# Supporting the Back-end

## Features of the CMS

- Intelligent analysis alarm linkage
- Temperature alarm notification/snapshot, historical temperature data query



## Intelligent Bi-Spectrum Thermal Camera



### Shenzhen Sunell Technology Corporation

22-23F, Building 2, Chongwen Park, Nanshan Zhiyuan (Phase 3), No. 3370 Liuxian Avenue, Nanshan District, Shenzhen 518052  
Tel: +86(755) 2675 4336 Fax: +86(755) 8602 6152 E-mail: sales@sunellsecurity.com

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# Key Features

## Highly Integrated Hardware

- AI+bi spectrum+temperature measurement, to meet the multi-purpose needs of customers
- Highly integrated hardware, reduce peripherals access, effectively reduce manual installation, maintenance costs

SN-TPC2553DT

SN-TPC2552CT





## Deep Learning Algorithm

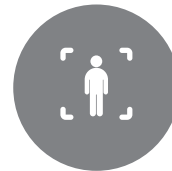
- Accurately distinguish target type, target can be superimposed detection frame
- Standard with a variety of algorithms, applicable to a wider range of scenarios



Smoke Detection



Fire Point Detection/  
Firework Detection



Human Detection



Vehicle Detection



SN-TPC2552CT-F3.5



SN-TPC2553DT-F7

Smoke Detection	≤10m
Fire Point Detection	≤15m 0.2*0.2m
Human Detection	≤40m
Vehicle Detection	≤80m

Smoke Detection	≤30m
Fire Point Detection	≤30m 0.2*0.2m
Human Detection	≤65m
Vehicle Detection	≤220m

## Alarm Policies Flexibly Configured



### Dual Channels with IVS

IVS: perimeter/single virtual fence/double virtual fences/multi loiter/converse/people counting/region entrance/region exiting



### Flexible Setting of Defense Area

Support setup multiple polygon areas

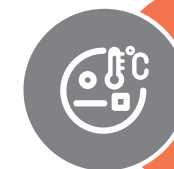


### Real-time Acousto-optic Deterrence

Broadcast: built-in 12 voice, customizable, adjustable volume

Alarm lamp: white light flicker, brightness adjustable

## Temperature Measurement Online



### Custom Point/Line/Area Temperature Measurement

Temperature range: -40°C ~ +150°C



# Product Application



## Perimeter

### Application Scenarios

Warehouse, park, shops, venues and other perimeter intrusion detection

### Feature

- Dual channels with IVS, 7\*24 monitor in real time
- Human/vehicle AI algorithm, accurate detection
- Audible and visual alarm linkage, real-time deterrence target



## Fire Protection

### Application Scenarios

Warehouse, workshop, power distribution room, energy storage station, laboratory, charging station and other key fire prevention places

### Feature

- AI algorithm detection, effectively reduce false alarm
- Dual channels detection, Visible channel to do firework detection, Thermal channel to do fire point detection
- Detect the fire point in time and send alarm signal



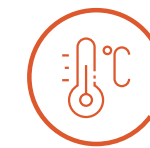
## Smoking Control

### Application Scenarios

Warehouse, machine room, venue, workshop, station and other key smoke control/fire prevention places

### Feature

- Long detection distance, 2552CT detect 10m, 2553DT detect 30m
- AI algorithm detection, effectively reduce false alarm
- Reduce the burden of manual inspection and reduce the risk of fire



## Temperature Measurement/Hidden Danger Detection

### Application Scenarios

Power distribution room, computer room, energy storage station, charging station, cable well and other scenes measuring temperature online. Discover equipment temperature anomalies and remove potential faults in time

### Feature

- Multiple custom point/line/polygon area temperature measurement
- Temperature alarm mode: threshold alarm, temperature difference alarm, temperature rise alarm
- Visible channel overlay temperature data
- Temperature range:-40°C~+150°C

