Videosec®

TIC2621SR-F3-4F4AC-V

Dual spectrum Thermal Camera 256x192px/57° + 4Mp/90° white, 25fps

2 independent video channels uotput: 1280x720@25fps thermal image + 4M (2688x1520) visible @25fps, Microphone, Speaker, Light ....

Human Detection

Vehicle Detection

Smoking Detection

Fire/Smoke Detection
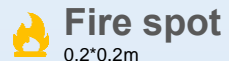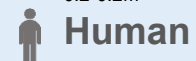
Fire spot Detection

Detection Distance

Smoker	≤30m
Fire spot 0.2*0.2m	≤40m
Human	≤120 m
Vehicle	≤300m

microSD 128MB

Vandal-proof

Fire Protection

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

0.2x0.2m Fire Point

Dual spectral all-weather online monitoring

High temperature alarm, real-time display of temperature value

Intelligent fireworks detection
Fireworks detection: visible light channel
Fire point detection: thermal imaging channel

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 Acoustooptic 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℃ ~ +150℃

V2O5 bolometer thermal camera 12μm, 256x192px + 1/1.8" 4MP CMOS 30fps / 25 fps,
3.2mm f/1.1 57° (3.75mRad) heat + 4mm f/1.4 90°, visible light.
0.001 lux color, 0.0005 lux BW, IR, 850nm 50m max (0.0 lux), 120 dB WDR
H.264, H.265 + Intelligent Compression, two independent video channels
1280x720@25fps thermal image + 4M (2688x1520)@25fps
Thermal: max 10 fire detection areas, smoking person detection,
alarmtemperature min/max alarms, up to 12 rules,
below or above range -20°C to +150°C with +/-8°C accuracy.

Visible: intrusion detection, line crossing,
man/vehicle detection, active deterrence, . . .
mp3 with sound and blue-red flashing light,
microSD, 256GB max, alarm input/output 2 / 2,
Protection: IP 67, IK10, 4kV max
Power supply: PoE (IEEE 802.3af/at),
DC 12V±25%, 12W max
Dimensions: 354 x 104 x 116mm, 2kg
The junction box is part of the camera body

H.265⁺ HEVC

GQST OnVIF

Optical Defog

Defog OFF | Digital Defog | Optical Defog
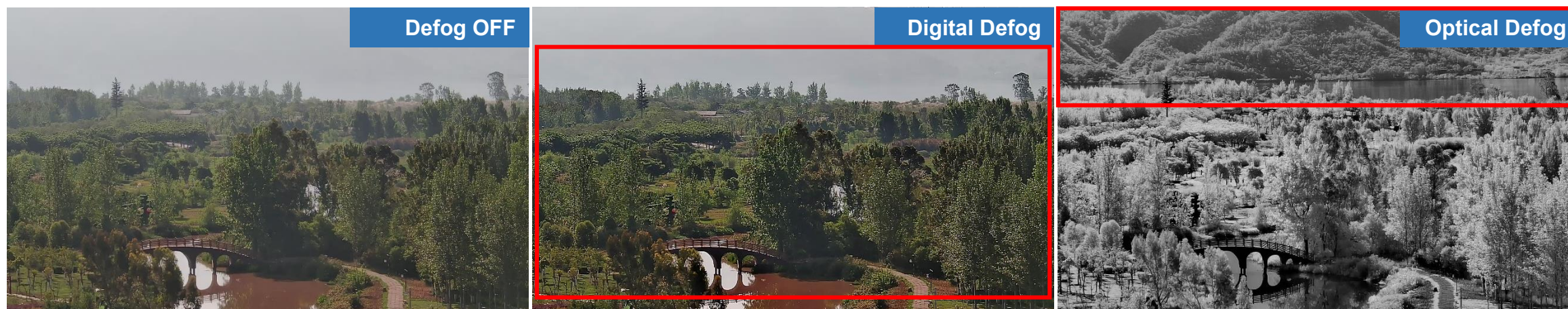
Long Wave
8~14 μm

Accuracy ±8°C
±2°C

Pixel Interval
12μm 17μm

Point/Line/Region

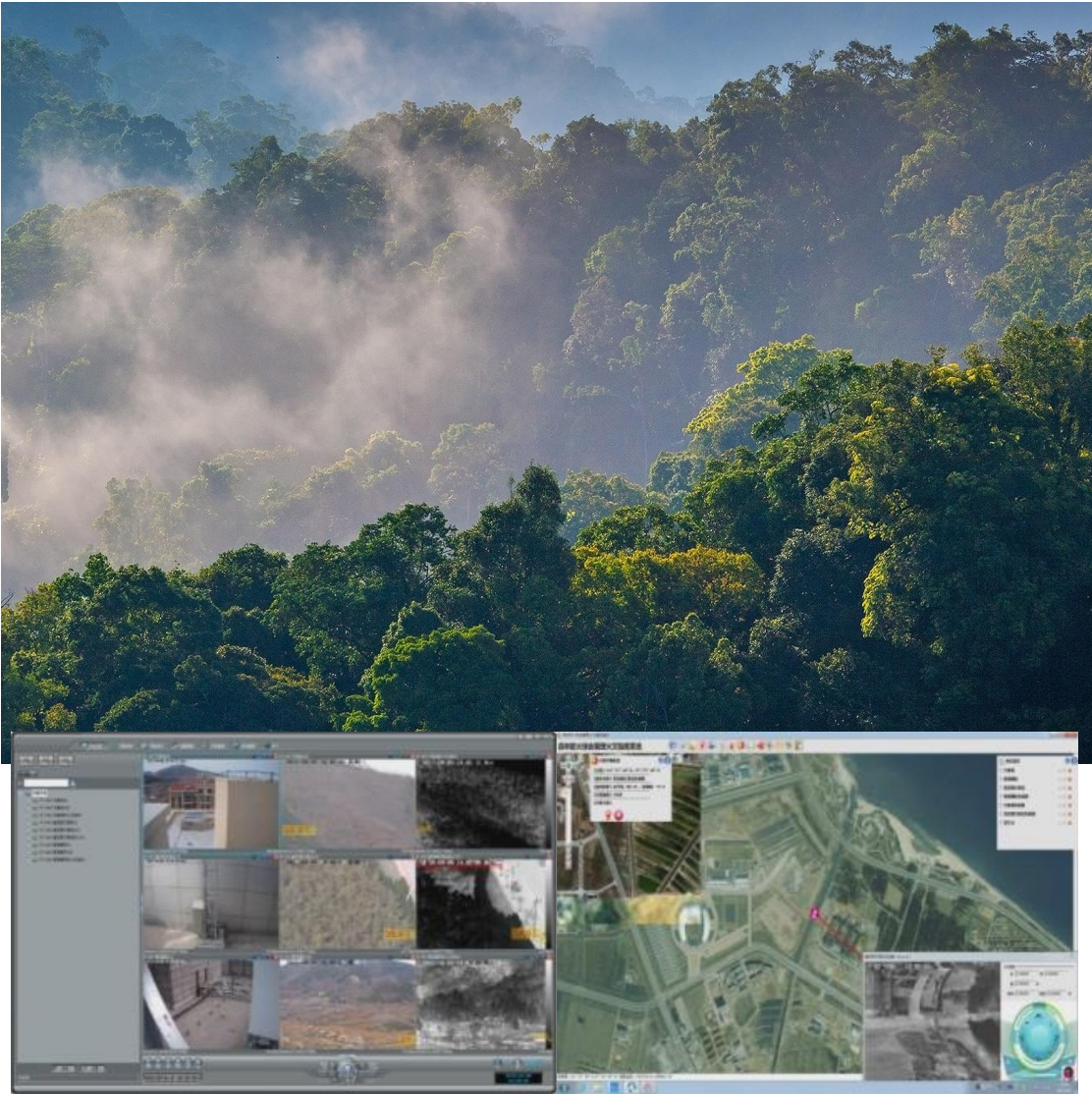**Preset Measurement**

Anti-burn

Auto-focus

Deep learning
Human/vehicle/ship
Fire spot/Fire &
Smoke/smoking

IVS
Intrusion, Single/Double
Line Crossing, Loitering,
Wrong-way, Enter Area,
Leave Area

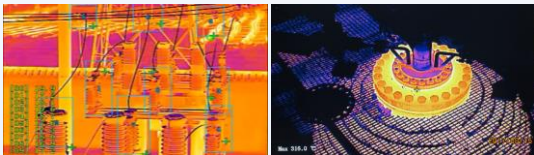# Forest Fire Protection

Equipment Routing Inspection

Network Thermal

Real-time temperature measurement

Electric equipment Chemical equipment

Smoke, rain, fog and dust penetration

Regular camera Thermal camera

No illumination required, all-weather monitoring

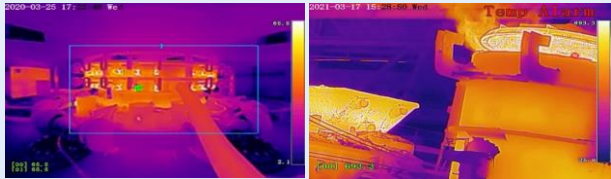Regular camera Thermal camera

Detect Hidden Targets

Regular camera Thermal camera

Temperature Measurement Range Customizable

- Standard range of measurement: -20°C to 150°C
- Customizable range: 1552°F, Dual temperature measurement range

Bi-spectrum

The algorithm is used to combine the thermal and visible channels, add the contour line of objects on thermal channel to make it easier to identify.

Alarm Rules

Temperature Threshold Alarm

Temperature Difference Alarm

Temperature Rise Alarm
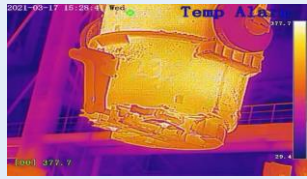
The target temperature reaches the alarm threshold

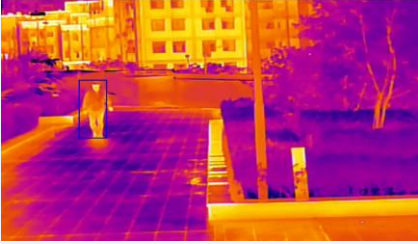The difference between the highest and average temperature reaches the alarm value
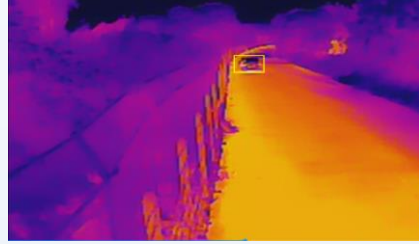
The increased temperature reaches the alarm value in a short time

Deep Learning

Human Detction

Vehicle Detection
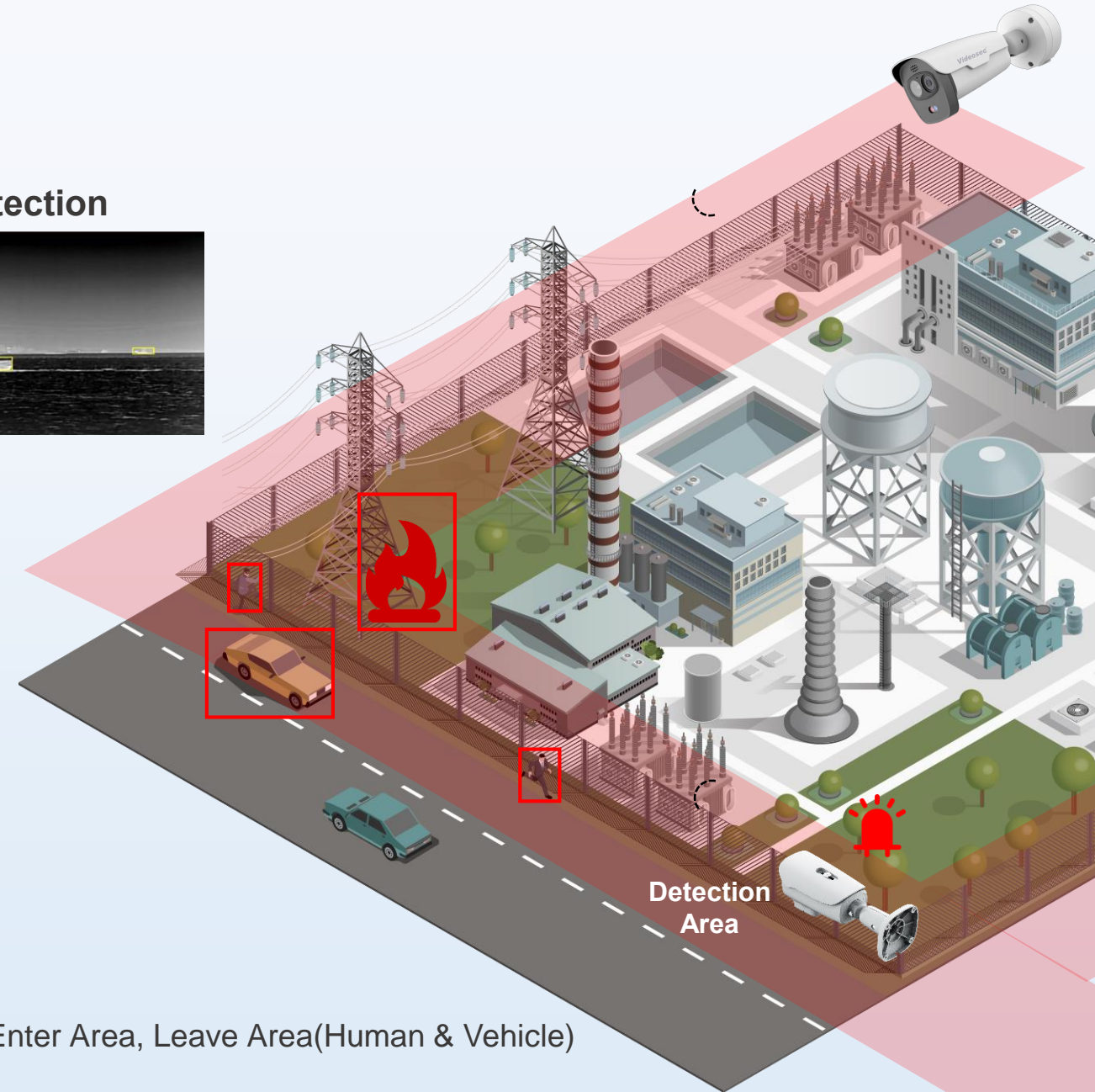

Ship Detection

Fire Spot Detection

Smoking Detection

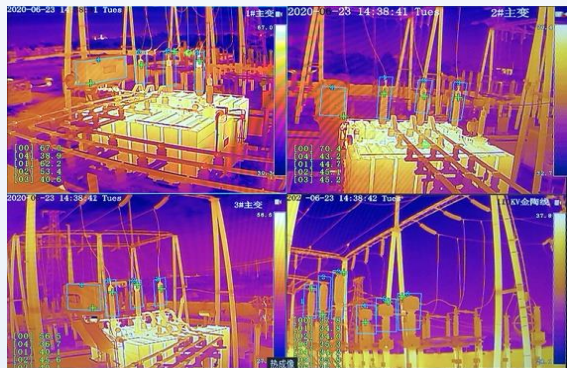**Fire Detection**

Smoke Detection

Detection Area

IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area(Human & Vehicle)

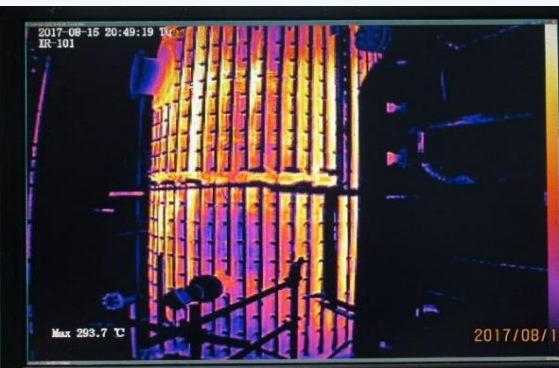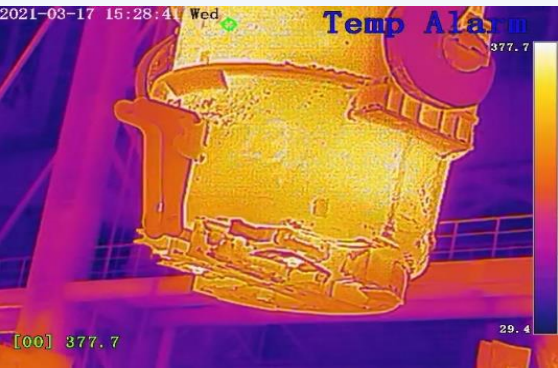# Industrial Applications

Electricity
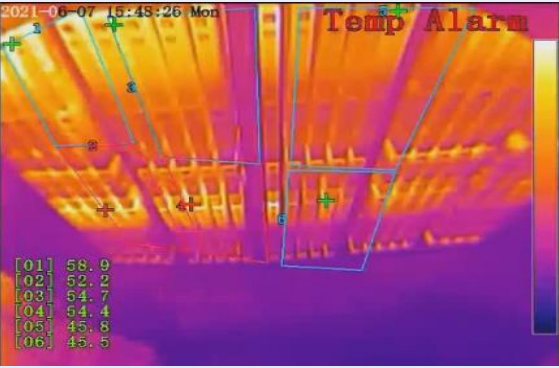
Petrochemical

Metal Smelting
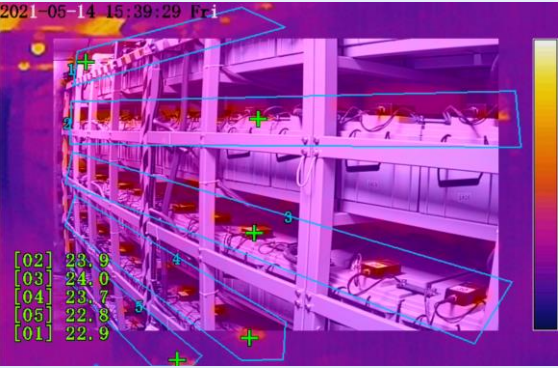
Manufacturing

Forest Fire Prevention

Data Center

Energy Storage

Perimeter