

2025

DSI-Sunell Product Introduction

Wij zijn ondernemers en denken mee met de ondernemers

Gestart vanaf in zolderkamer in 2012 en nu uitgegroeid tot een van de hoogwaardige CCTV leveranciers in de Benelux. Gaan voor kwaliteit tegen de beste prijs én ouderwets hard rennen voor onze klanten, alsof ons leven ervan afhangt. Dat is onze filosofie.

En dan komen de klanten én de winst vanzelf. Want we zijn geen charitatieve instelling. Ook wij willen winst maken. Maar wel winst uit eerlijke handel. Net zoals de bakker op de hoek.

Werken volgende regels die er zijn. DSI is ISO9001 gecertificeerd en wij proberen eind 2022 ook nog eens ISO27001 gecertificeerd te zijn.

Wij zijn experts en bieden de beste diensten

Ondernemen

Wij zijn mensen mensen. Houden van mensen en werken met mensen.
Gewoon eerlijk en oprecht zaken doen. No nonsense.
Direct en to the point.
Tot het uiterste gaan voor de klant.
Behandel de klant zoals jezelf behandeld wilt worden.

Zaken Doen. Hoe doen wij dat?

Verkoop: onze producten worden niet via het internet aangeboden, wij kiezen onze Partners zorgvuldig uit, wij trainen onze partners en gaan met ze mee de weg op een camera verkopen is niet zo moeilijk maar echte ondersteuning bieden en zowel de Partners als de eindklant ontzorgen daar gaan wij voor.

Adviseurs: onze Productspecialist staat het gehele project voor u klaar van advies tot aan de oplevering toe. Heel eenvoudig, een aanspreekpunt voor het gehele project (Single Point of Contact)

Techniek: onze techneuten helpen de adviseurs met de eventuele programmering van de camera's, opslagmedium en software, dit scheelt een heleboel werk op locatie, zij maken de integratie tussen derden in orde. in de afgelopen jaren hebben wij meer dan 600 integraties uitgevoerd. van de bekende VMS pakketten tot aan koppelingen met ERP- en logistieke systemen zijn standaard. Is de integratie er niet dan maken wij hem voor de klant.

Certificeringen: als bedrijf zijn wij ISO9001 gecertificeerd en werken o.a. volgens de TAPA regels. Onze techneuten zijn allemaal specialist op hun gebied. Van Cisco CCNA, LINUX, RedHat, Aries V, Microsoft MCSA tot aan Java hebben zij allemaal onder de knie. Elke medewerker wordt regelmatig gescreend door derden en heeft een VOG verklaring

Wij helpen de Partners door op locatie een demonstratie te geven, je mag de producten ook gewoon zelf 30 dagen vrij uitproberen. Wil je een FAT- of SAT test dan is dit ook mogelijk. Wij kunnen de Producten ook voorprogrammeren waardoor onze Partners op locatie veel sneller en slimmer bezig zijn.

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Core
Competitive
Advantage



CMS



APP



IP Camera



Speed Dome



Explosion-proof
Anti-corrosion



Thermal



NVR

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One Stop Shopping Service Provider





AI-ISP Full-color

Traditional
Camera

NightHawk

V3.0

In-house AI Algorithm

Attribute



Face



Human



Vehicle

PPE Detection



Mask



Helmet



Safety Vest

IVS



Intrusion



Wrong-way



Smoke & Flame



Single Line Crossing



Illegal Parking



Fire Spot



Double Line Crossing



Queue Management



Smoking



Loitering



Heat Map

3rd Party Integrated IVS



Smart Motion
Detection



Smart Intrusion
Detection

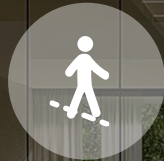


Smart Loitering
Detection



Vehicle Attributes:

- a. Type
- b. Color



Smart Line-crossing



Object Left
Detection

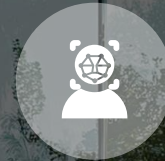


Object Removed
Detection



Human Attributes:

- a. Gender
- b. Age
- c. Cloth Color
- d. Mask



Face Detection



Camera Tamper
Detection



LPR



Audio Classification:

- a. Glass Break
- b. Scream
- c. Gunshot
- d. Loud Sound

Enhanced Cybersecurity



Privacy Protection



Automatic
Real-time Mosaic



IPC up to 8 Privacy Mask Areas
PTZ up to 40 Privacy Mask Areas



Compatibility & Openness



Integration Protocol



HTTP API

SDK

Windows & Linux
Android & IOS

Modbus

Plug&Play



Real time updates
proactively approach top 3rd party platform for integration



Cloud Service



Global P2P Service

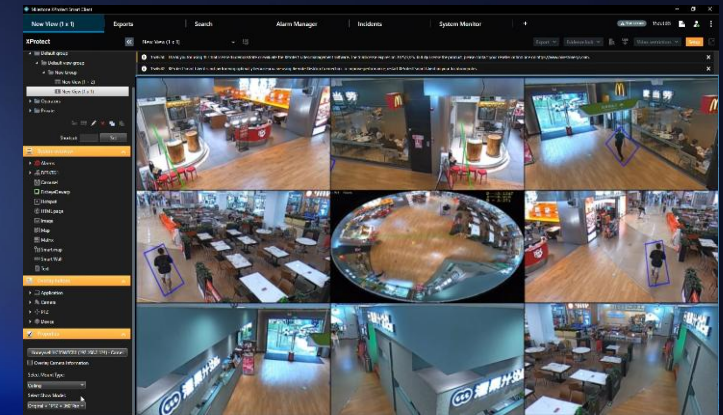
North America, Europe, Asia Pacific,
Middle East, Africa



milestone

Plug-in Integration

- Fisheye tools & EPTZ
- AI Multi-target
- Intelligent Analysis
- Smoking Detection
- Fire Spot Detection
- People Counting





NetworkOptix

VIDEO. POWERED.

Plug-in Windows & Linux

Optical AI Camera

- Detection: human, vehicle
- Intelligent analysis: Smart Motion(SMD), Intrusion, Single Line Crossing, Double Line Crossing, Loitering, Wrong-way, People counting

Thermal AI Camera

- Temperature measurement alarm
- Detection: human, vehicle, fire spot, smoke & flame, smoking
- Intelligent analysis: Intrusion, Single Line Crossing, Double Line Crossing, Loitering, Wrong-way, Enter Area, Leave Area, People counting

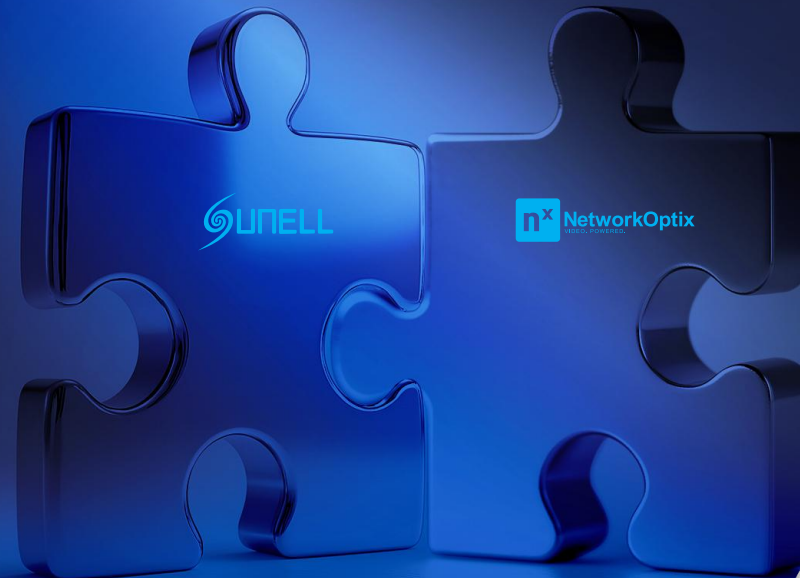


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Core
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Advantage



CMS



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Explosion-proof
Anti-corrosion



Thermal



NVR

CMS

V1.8

Intelligent Security Management Platform



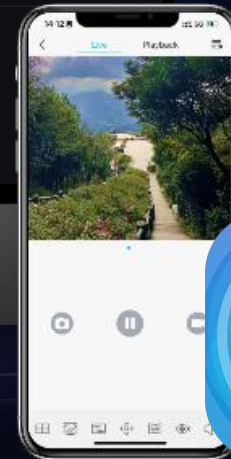
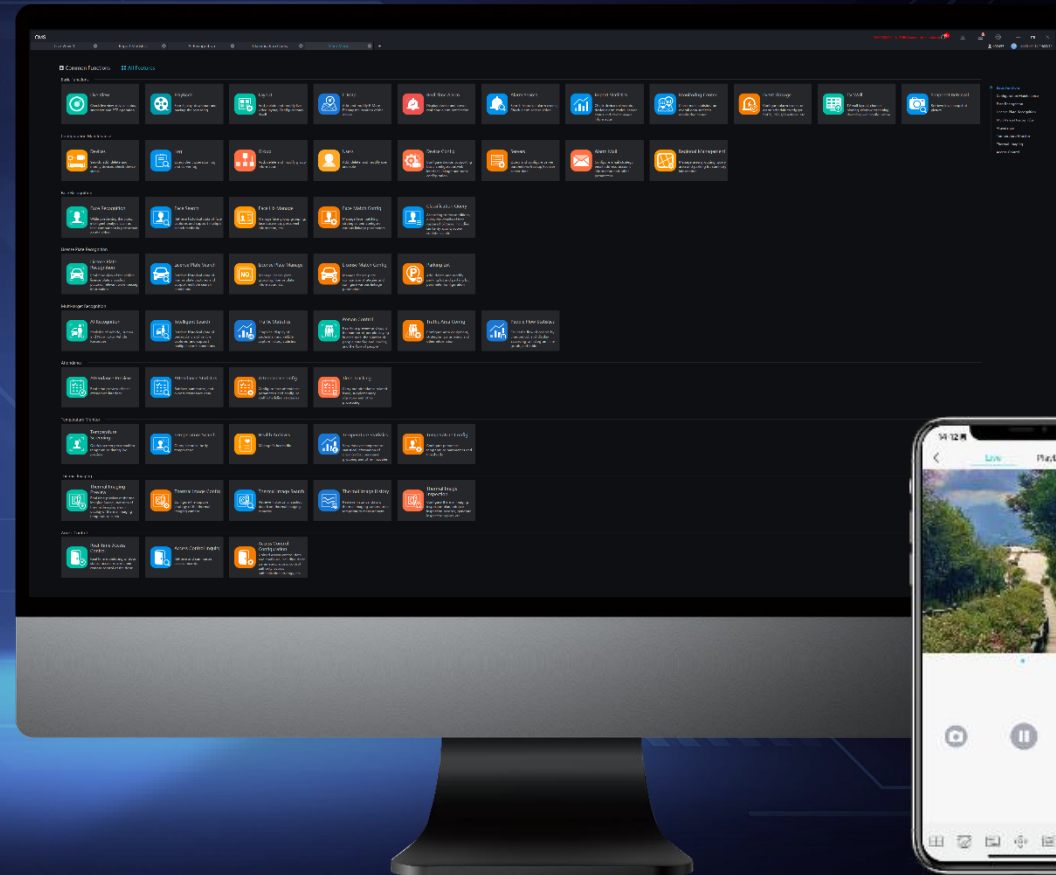
100+
Countries & Regions



500,000+
Devices

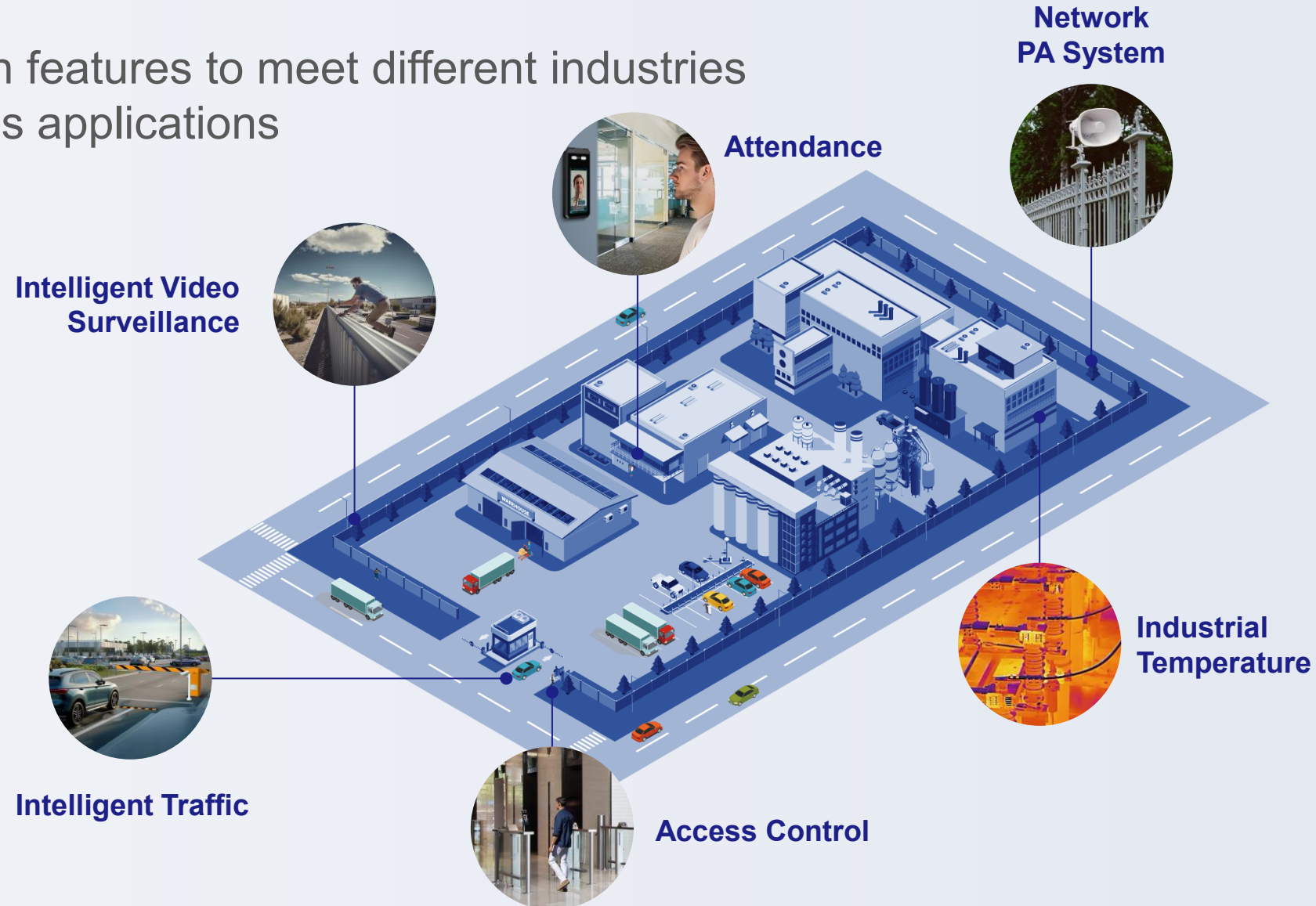


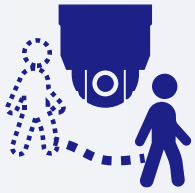
8
Years



Professional and Powerful

CMS has rich features to meet different industries and scenarios applications



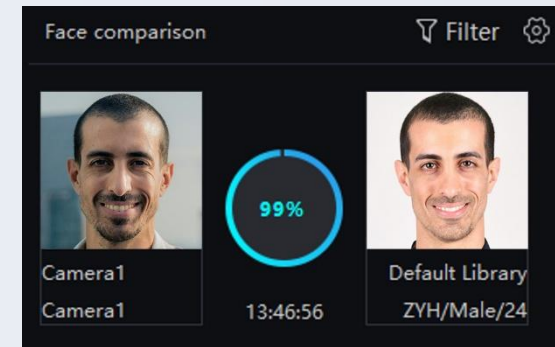


Intelligent Video Surveillance



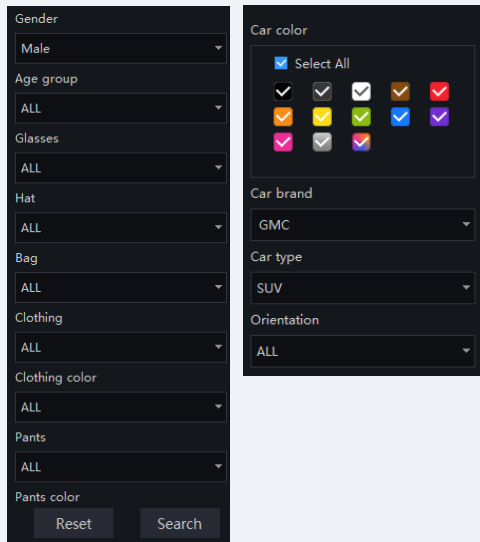
IVS Alarm

- IVS: Intrusion, Single/Double Line Crossing, Loitering, Wrong-way, Illegal Parking, Smart Motion(SMD)
- People counting



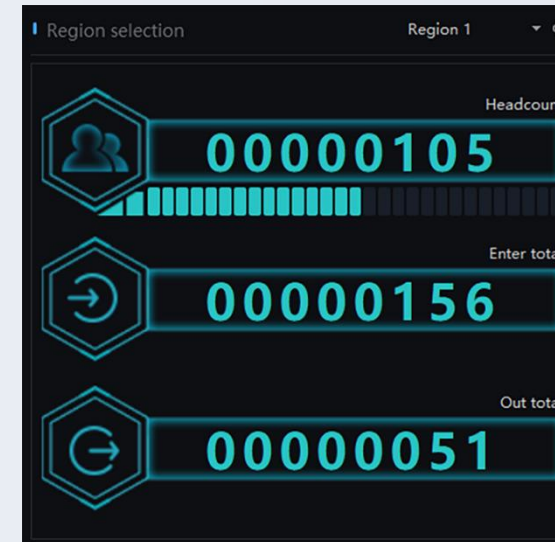
Face Recognition

- Black and white list management, language broadcast alerts
- Stranger management, see how often strangers appear
- Batch import face library
- Multiple face photos per person



Attributes Retrieval

Human and Vehicle Attribute Recognition and Retrieval

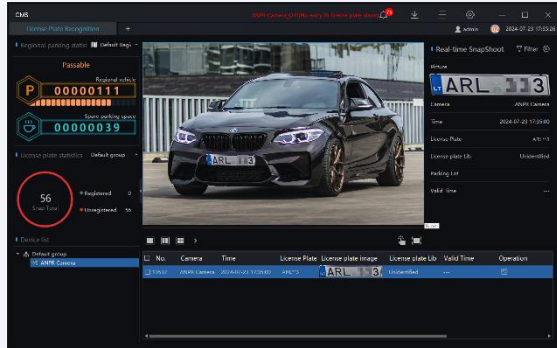


People Counting

Real-time preview and count the number of people staying in each area, the number of people entering and leaving, and the flow of people

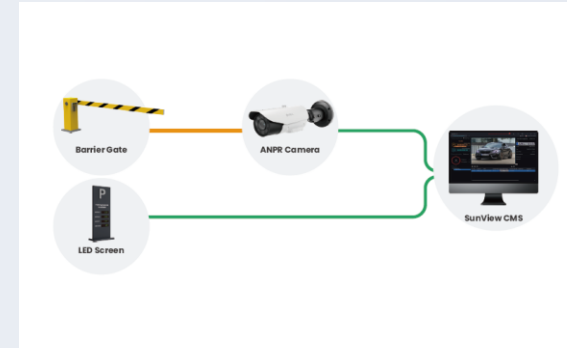


Intelligent Traffic



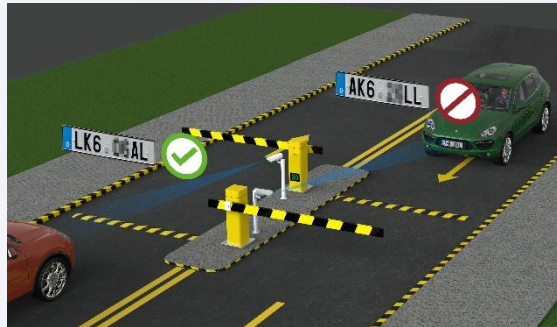
Parking Lot Management

- Supports white list, black list, visitor management
- Support for list event linkage



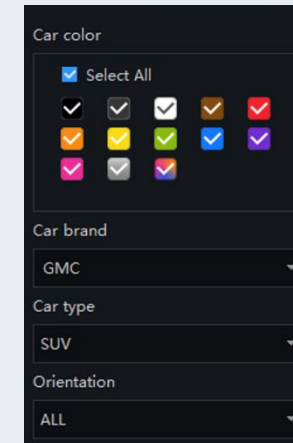
Parking Information Display

- CMS software to view parking information
- Displayed on the entrance and exit LED screen



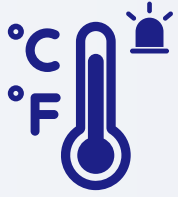
License Plate Library Management

- Supports white list, black list, visitor management
- Support for list event linkage



Attributes Retrieval

Vehicle Attribute Recognition and Retrieval



AI Thermal Management



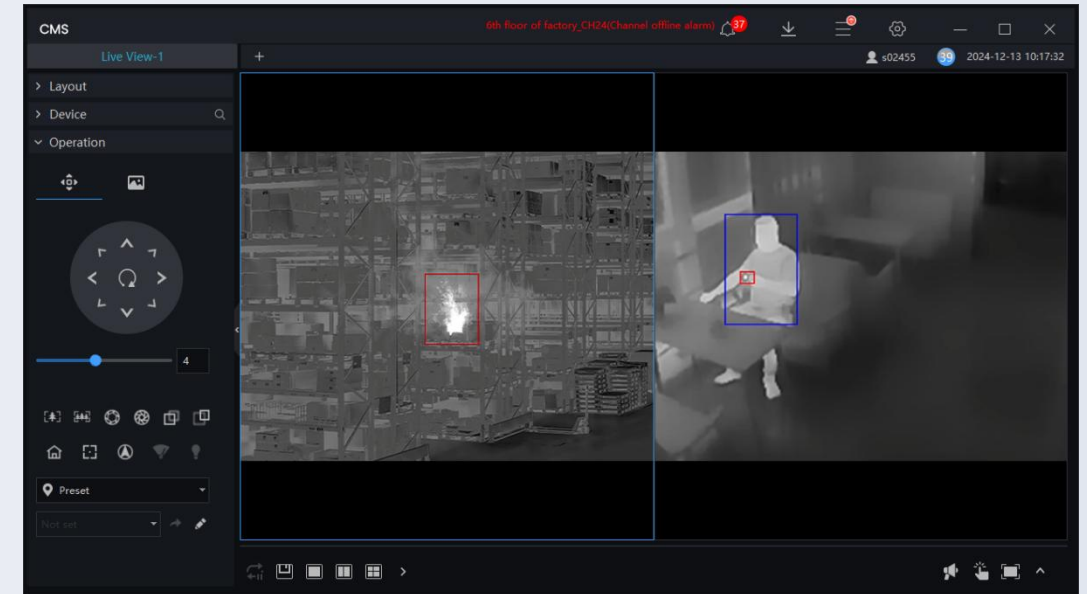
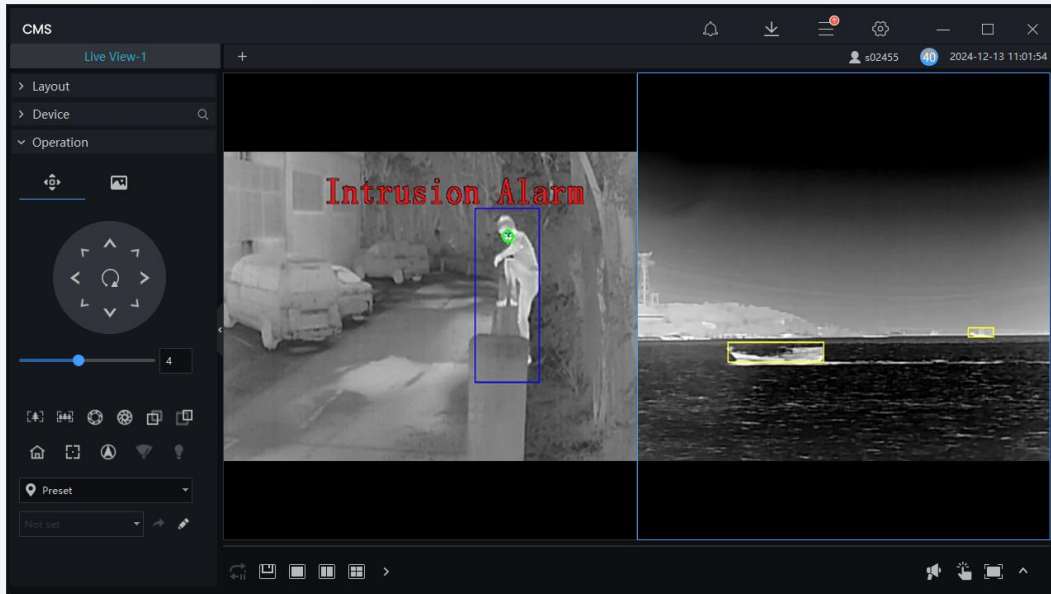
Perimeter

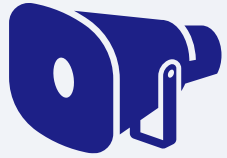
By integrating with AI thermal cameras, it is possible to achieve recognition and alarm for targets such as people, vehicles, and ships. Leveraging the all-weather monitoring advantage of thermal cameras, large-area and long-distance perimeter protection can be realized.



Fire Protection

CMS can receive fire spot, smoke & flame, and high temperature alarms reported by thermal camera. By providing early warning signals, fire hazards can be effectively avoided and resulting damages can be minimized.

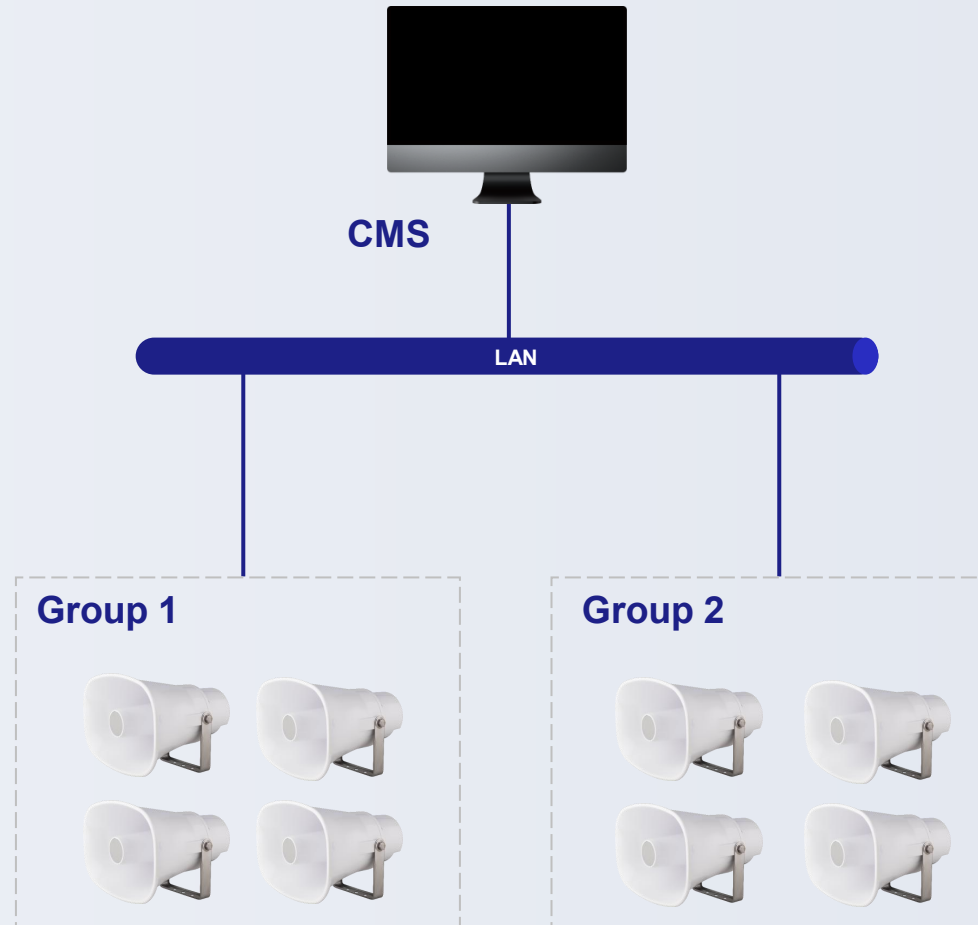
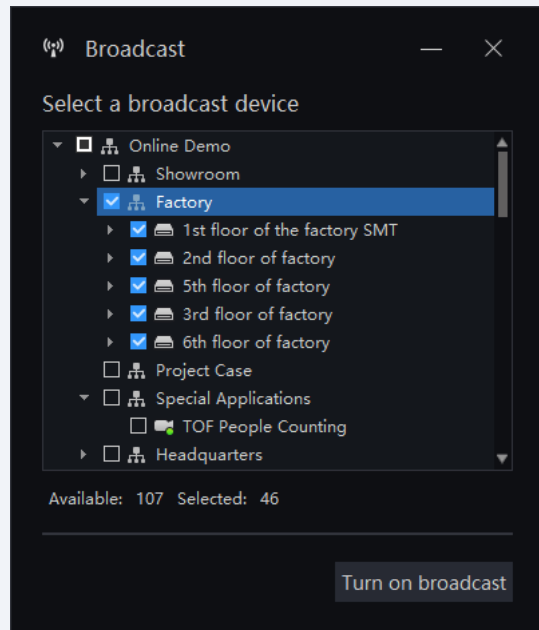




Network Broadcasting



- Real-time broadcast
- Alarm linkage broadcast



CMS Beta V1.9

- Upgrade the broadcast management module
- Support PVM
- Support 4-ch multi-sensor dome
- Support bi-spectrum thermal dome



Portal - Smart Cloud

- Remote Site Management
- Authorization Management
- Remote Configuration
- Remote Maintenance



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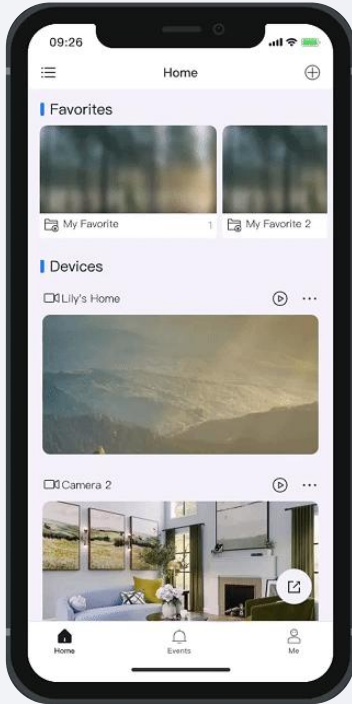


Thermal

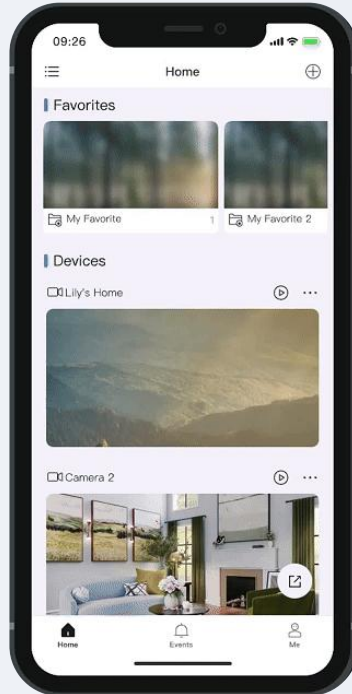


NVR

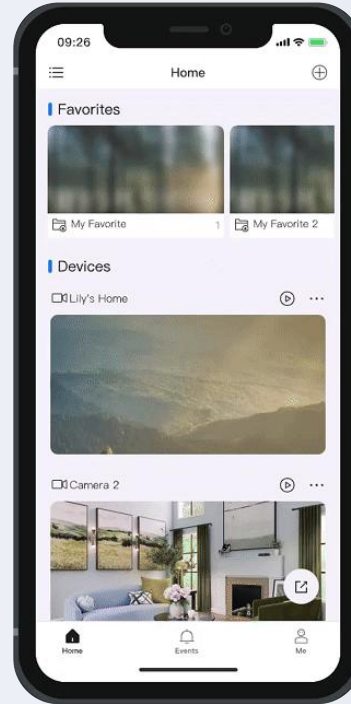
APP Graphical Visualization



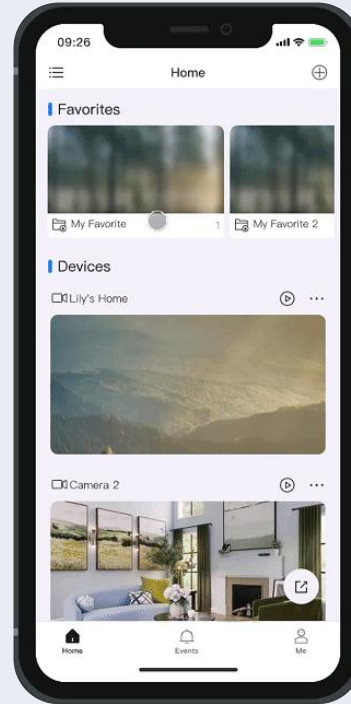
Big Icons



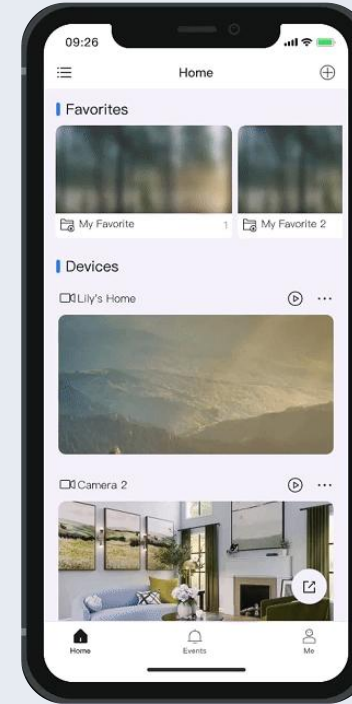
Vertical Stretching



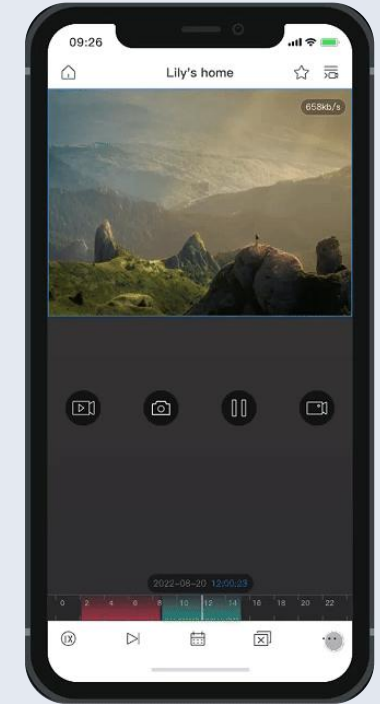
Device Sharing
Import



One-click
Arming



Event Quick
Playback



Palyback
Preview

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NVR

NDAA/TAA Camera Components



SONY

TEXAS
INSTRUMENTS

NXP

TAMRON
Focus on the Future

OPHIR
A World of Precision

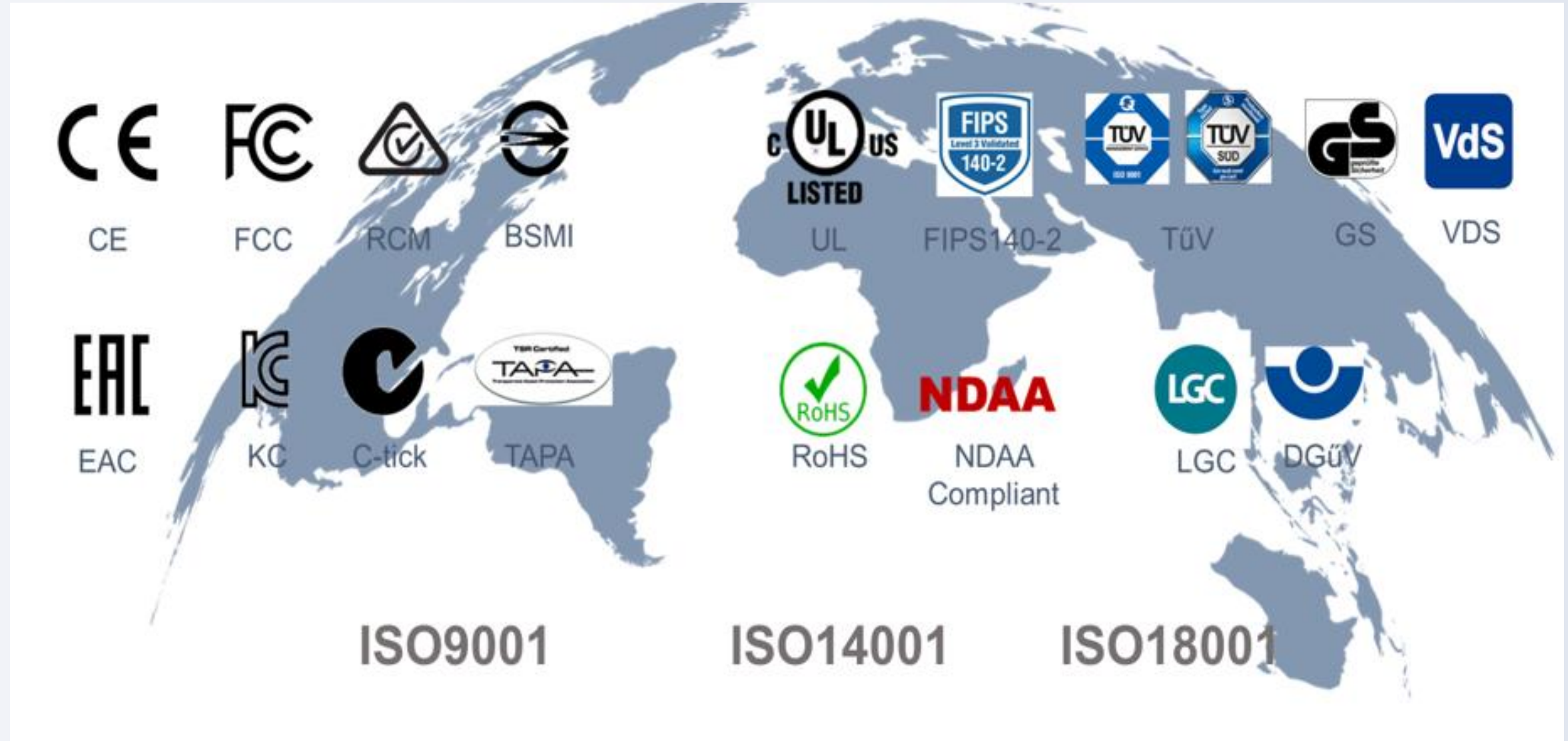
OmniVision

AAEON
an ASUS BRING CO.

sikkens

Rigips
SANTO-SOMAI

DSI- Sunell Certifications



IP Cameras

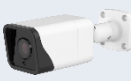
Edge AI Full Coverage

 	 	 	 	 
Panoramic Series • 360° Fisheye • 180° large angel • 180° Dual Lens Stitching • Multi-sensor • 0.7T to 8T TOPS	Ultra Series • Ultra starlight • 4MP-12MP, 1/1.8" Sensor • 1.0T to 2.6T TOPS • 120 dB True WDR	Pro Series • Starlight • 1/2.8" Sony, 2MP~8MP • 0.75T to 1.5T TOPS • 120 dB True WDR	Eco Series • Starlight • 1/2.8", 2MP~8MP • 0.5 TOPS to 1.0 T • True WDR	Lite Series • Low-light • 1/3", 2MP~8MP • 0.5 TOPS • DWDR
 	 	 	 	
Full-color Series • NightHawk: AI-ISP, F1.0, Warm Light, 3.6 Tops • Dual Light: F1.6, Warm Light + IR, 0.5T to 1.5T Tops	ANPR Series • 9MP: GMOS, Up to 200km/h, 6.8 Tops • 4MP: Up to 120km/h, 60FPS, 3.6 Tops	Active Deterrence Series • Built-in strobe-light & speaker • Red and blue light • Customize audio • 0.5T to 1.5T Tops	Special Series • Split type • Pinhole • High Temperature Camera • 0.5T to 1.5T Tops	

Available Housings



● Standard ● Optional

IR	AK 	DQ 	BZ 	BY 	BS 
	ED 	EE 	EF 	EW 	EG 
	CQ 	HD 	HC 	HZ 	
 Full Color	DQ 	CB 	KF 	KA 	
	CQ 	HD 	MB 	HN 	HC  HZ 
Panoramic	R 	Q 	ME 	EC 	KL  KK 
Active Deterrence	CQ 	HN 	HC 	DQ 	KF 
Special	KB 	AG 			

Mata Data



Face



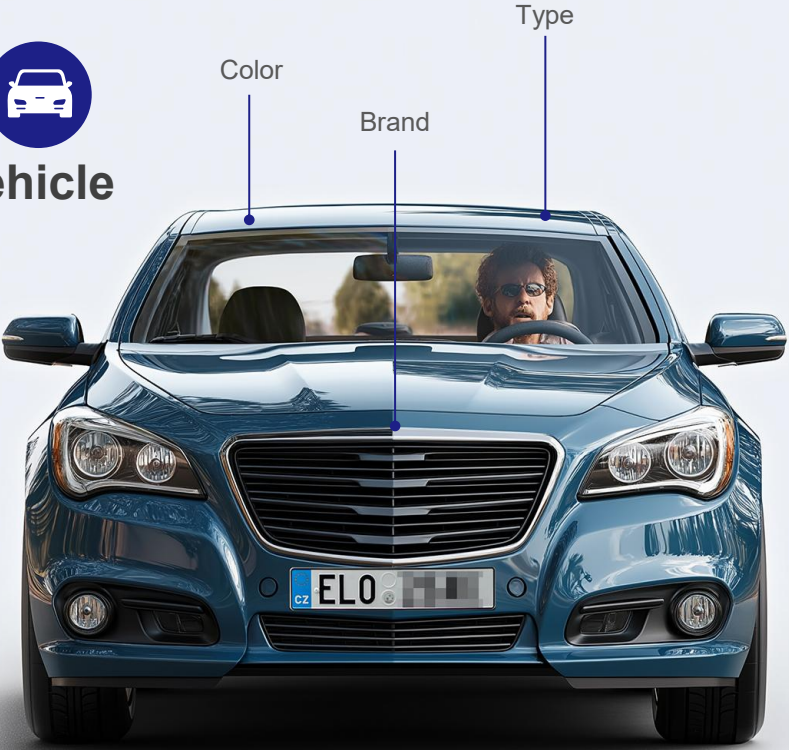
Human



- Human**
- Gender (Male/Female/Uncertain)
 - Age (Children/Youth/Middle-aged/Elderly)
 - Glasses (Yes/No)
 - Hat (Yes/No)
 - Bag (Yes/No)
 - Upper Clothing (Long Sleeve, Short Sleeve)
 - Lower Clothing (Pants, Shorts, Skirts)
 - Clothing Color



Vehicle



- Vehicle**
- Brand
 - Color
 - Type
 - LPR



Non-motor Vehicle



Industry Customized Algorithms

PPE



Mask



- Hospital
- Beauty Salon
- Pharmacy
- Kitchen



Helmet



Safety Vest



- Construction Site
- Power Station
- Chemical Plant
- Storehouse

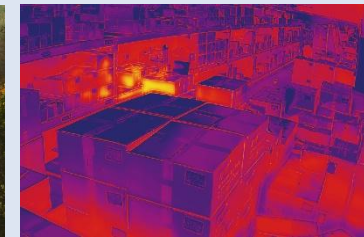
Fire Prevention



Smoke/Flame/Fire Spot/Smoking



- Forest
- Grassland
- Landfill
- Storehouse





5MP

PoE & Wifi

Video Doorbell



Edge AI

- Package, Face, Human, Vehicle
- Intrusion, Smart Motion
- 0.7 Tops



2-Way Audio

Built-in MIC & Speaker



Head-to-Toe View

Horizontal 120° ,
Vertical 180°



Storage

SD Card & NVR



WiFi

2.4GHz & 5GHz



Dual Light

IR & Warm Light

Head-to-Toe View

V: 180°

H: 120°



Wireless Chime
(optional)

Mechanical Chime
(compatible)



7" Face Access Terminal

Access Control & Time Attendance



Face

- 50,000
- Distance: 0.3m-2m
- Height: 1.2m-2.2m



Fingerprint

- 10,000
- Image Pixels: 256 x 360
- Image Resolution: 500dpi



Card

- 50,000
- M1 card, Felica card, DESfire card



NFC

- 13.56 MHz
- M1 card (S50, S70), CPU card, NFC label, etc.

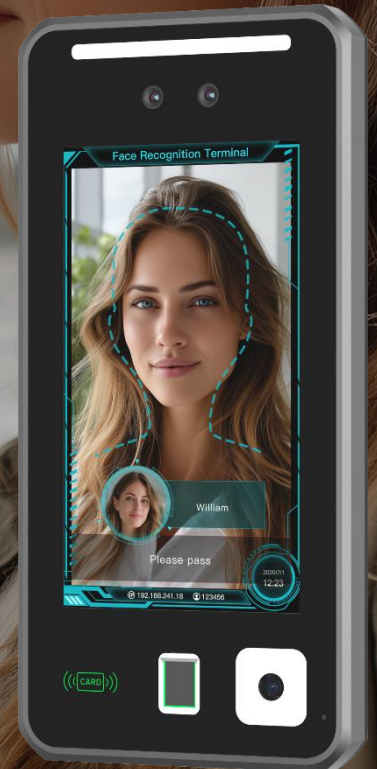


QR Code

Codeblock A, Codeblock F, PDF417, Micro PDF417, GS1 Composite Codes, QR Code, Data Matrix, MaxiCode, Aztec, HANXIN



2.4 Tops



ANPR

Global Shutter



- 9MP GMOS
- C/CS mount
- 60fps
- RS485
- RS232
- Alarm out
- 6.8 Tops



Type	SUV
Color	Blue
Brand	BMW
SPEED	180km/h
LP/NP	WOBZK295

High Way

High Way

- 9MP
- Up to 200km/h
- UP to 3 lanes
- 60fps
- 6.8 Tops



City Roads

- 4MP
- Up to 120km/h
- UP to 2 lanes
- 60fps
- 2.6 Tops



Entrance & Exit

- 5MP/ 4MP
- Up to 60km/h
- 60fps
- 1.5 Tops



Global ANPR Coverage

Asia

- China
- Taiwan (China)
- Thailand
- Vietnam
- India
- Indonesia
- Malaysia
- Singapore

South America

- Brazil
- Chile

Africa

- South Africa

Oceania

- Australia

Middle East

- Saudi Arabia
- Oman
- Israel

Europe

North America

- United States



AI-ISP

Full-color Camera

Starlight



V3.0

NightHawk



SN-IPR8540DQAE-PZ
SN-IPR8540DQAW-PZ

- 1/1.8" STARVIS sensor
- 4.5 to 8 mm, 8 to 32 mm, auto-iris
- F1.0
- 3.6 Tops
- MIC & speaker
- Red and blue lights



SN-IPR8540DQAW-B

- 1/1.8" STARVIS sensor
- 2.8 mm, 4 mm, 6mm, fixed
- F1.0
- 3.6 Tops
- MIC & speaker



SN-IPR8540CQAE-B

- 1/1.8" STARVIS sensor
- 2.8 mm, fixed
- F1.0
- 3.6 Tops
- MIC & speaker



SN-IPR8540HDAW-B

- 1/1.8" STARVIS sensor
- 2.8 mm, fixed
- F1.0
- 3.6 Tops
- MIC

Panoramic

180°



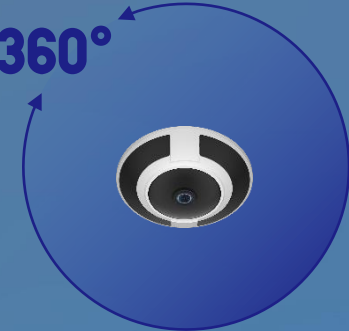
180° 5MP Wide Angle

180°



180° 4K Wide Angle

360°



360° 12MP Fisheye
360° 6MP Fisheye

Multi-Directional

360°



4 x 8MP 4-Directional
4 x 5MP 4-Directional

180°



2 x 5MP 2-Directional



4K Multi-sensor

4 x 8MP 4-Directional IR Dome

- 4 x 8 MP STARVIS CMOS
- 30fps
- Motorized lens 2.7-13.5 mm
- DC-IRIS
- Single IP address
- 4 + 1
- 8 TOPS
- CVBS





Multi-sensor

2 x 5MP Dual-Directional Camera

- 2 x 5MP@30fps
- 1/2.8" STARVIS CMOS
- 3 Tops
- 2.8mm/4mm/F1.6
- One IP
- Human/Vehicle
- True WDR



Multi-sensor

4K Wide-angle Camera

- 2 x 1/2.8" , 2.8 mm
- 30 fps
- 2.6 Tops
- 190° On-board Stitching
- Deep Learning, heat map
- Smart Dual Light



12MP Fisheye

One-Channel & Multi-Channel

- up to 5 channel
- ePTZ

People Counting for Line Crossing

- Four Groups
- Four-directional Fold Line

Area People Limit

- Queue Management
- People Counting in Area

Heat Map



Anti-ligature
Junction Box

5MP 180° Wide Angle

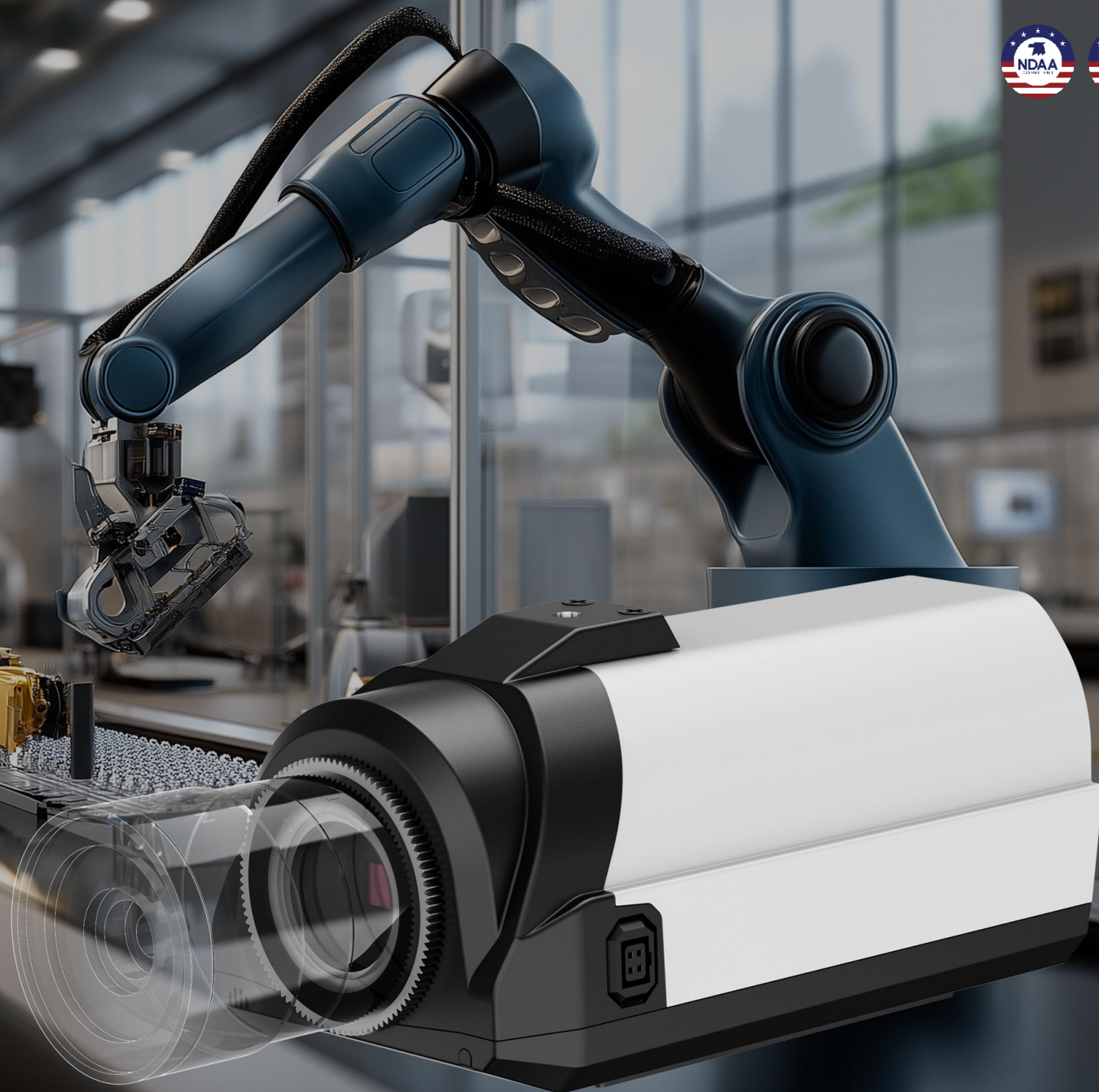
- Horizontal 180° Vertical 100°
- Smart Dual Light
- 0.7 Tops
- Human/Vehicle detection
- heat map





12MP

Machine Vision Industrial Camera



UHD

12MP@30FPS



Open API

ABF

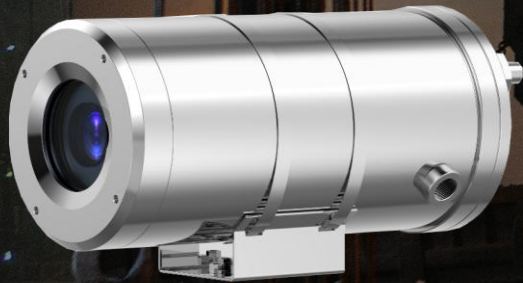
Auto Back
Focus



12 VDC
24 VAC
PoE

High Temperature Camera

5MP 30X Air Cooling Bullet



- Air cooling -25 to +150°C
- Air Flow: 0.3-0.6m³/min, max 35° C, pressure 0.1-0.2 MPa, Ambient pressure 80Kpa to 106Kpa
- 304
- IP68

5MP 30X Water Cooling Bullet



- Water cooling 0 to +250°C
- Water Flow: 0.3m³/h, max 35° C, pressure 0.1 to 0.2MPa, Ambient pressure 80Kpa to 106Kpa
- 304
- IP68

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Network Speed Dome



MultiView



4+1: 4*4MP + 4MP, 1/1.8", 40X, 8 Tops

5": 4MP + 5MP 30X, 1.5 Tops

Dual Light



9": 8MP, 1/1.8", 60X, 2.6 Tops

5": 8MP, 1/1.8", 30X, 2.6 Tops

5": 5MP, 1/2.8", 30X, 1.5 Tops

5": 4MP, 1/1.8", 30X, 2.6 Tops

3": 5MP, 1/2.7", 30X, 1.5 Tops

IR



7": 8MP, 1/1.8", 40X, 2.6 Tops

7": 4MP, 1/1.8", 40X, 60fps, 2.6 Tops

7": 5MP, 1/2.8", 40X, 2.6 Tops

7": 5MP, 1/2.8", 30X, 1.5 Tops

5": 5MP, 1/2.8", 30X, 1.5 Tops

5": 5MP, 1/2.8", 18X, 1.5 Tops

5": 2MP, 1/2.8", 25X, 1.5 Tops

2": 5MP, 5X, 1.5 Tops

Laser



7": 5MP, 1/2.8", 40X, 2.6 Tops

7": 5MP, 1/2.8", 30X, 1.5 Tops

5": 5MP, 1/2.8", 30X, 1.5 Tops

4K 4CH + 4MP 40X

Multi-sensor

- Pano view: 4*4MP, 1/2.8"
- Close-up view: 4MP, 1/1.8", 40X
- 8 Tops
- Intelligent tracking



+



=



360°



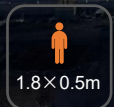


9" 4K 60X

Starlight Speed Dome

- Vertical: -20°
- Anti-shake (EIS)
- Laser 600 m (2000 ft)
- Intelligent tracking
- Wiper
- IK10, IP67

Detection Range



1.8×0.5m

3500m (11000 ft)

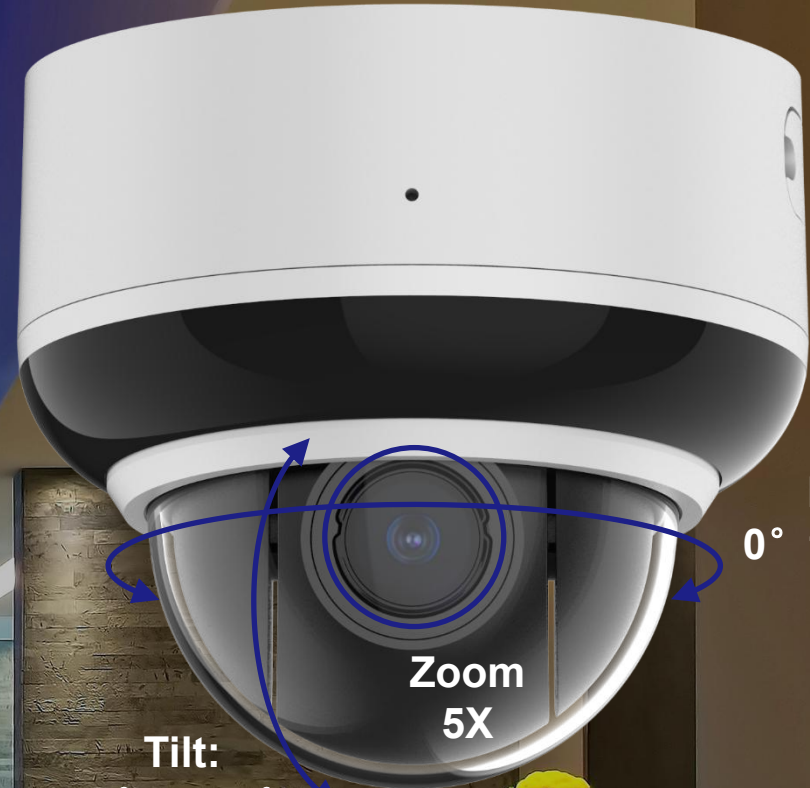




2" 5x PTZ

IR Dome

- 5MP (16:9)
- 5X optical zoom
- 0.7 Tops
- 30 m IR(100 ft)
- Auto tracking



Pan:
0° to 355°

Zoom
5X

Tilt:
15° to 90°



Multi-sensor

5" Dual-lens Speed Dome

- Smart dual-light
- 1.5 Tops
- Intelligent tracking
- Pano view: 4MP, 1/1.8", 2.8mm
- Close-up view: 5MP, 1/2.8", 30X



+



=



Pano View

Close-up View

Table of Contents



Core
Competitive
Advantage



CMS



APP



IP Camera



Speed Dome



Explosion-proof
Anti-corrosion



Thermal



NVR



Built for Harsh
Environments

Explosion-proof and Anti-corrosion cameras



Oil Refining Plants



Chemical Plants



Oil & Gas Stations



Ship



Metallurgical Plant



Ports



Explosion-proof Series

Suitable for inflammable, explosive and corrosive places



Dual-certified

- IECEX
- ATEX



Edge AI

- Human
- Vehicle
- smoke & Flame
- PPE(Optional)
- 1.5T to 2.6T Tops



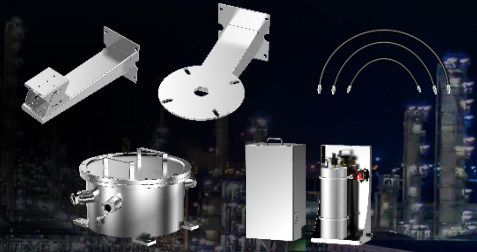
Protection

- 316L stainless steel
- IP68



Customized

- power supply
- Optical fiber
- 316/304



Accessories

- 316L stainless steel

Dome



Speed Dome



Bullet



PTZ



IP Speaker



Explosion-proof IP Speaker

30W SN-PA1H01-M-30-S

- Explosion-proof
- IP66,SIP & ONVIF
- Built-in Mic
- Alarm in
- Audio in, TF card(Optional)



SIP WEB API PoE



Anti-corrosion Cameras



NEMA 4X



- 316L stainless steel
- 2.8mm, 4mm
- 2.7 to 13.5mm
- 1T to 1.5T Tops
- Human, Vehicle
- IP68



- 316L stainless steel
- 5MP, 30X
- 1.5 Tops
- Human, Vehicle, smoke & Flame
- IR distance: 200 m (650 ft)
- IP68



- 316L stainless steel
- 5MP 15X starlight
- 1.5 Tops
- Human, Vehicle, smoke & Flame
- Fire & Flame
- IP68



- 316L stainless steel
- 5MP, 30X
- 1.5 Tops
- Human, Vehicle, smoke & Flame
- IR distance: 200 m (650 ft)
- IP68

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Core
Competitive
Advantage



CMS



APP



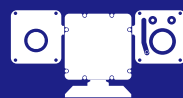
IP Camera



Speed Dome



Explosion-proof
Anti-corrosion



Thermal



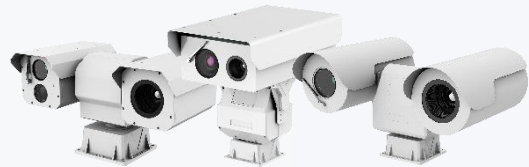
NVR

Network Thermal

- Independent-developed/Customization Service/Cost-effective WLP
- 256x192, 384x288, 640x512
- 1T to 2.6T Tops



Security



High-end



Project-Level



Affordable Level



Fire Prevention



Outdoor



Indoor



Temperature



Explosion-proof Industry



General Industry



Narrow Space



Integration



Intelligent Module

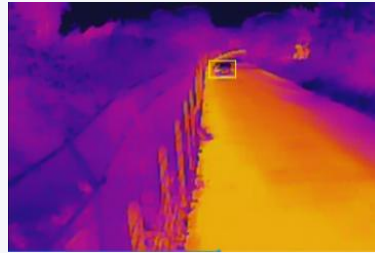


In-house AI Algorithm

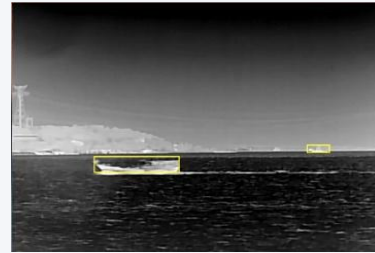
Thermal Channel AI



Human



Vehicle



Ship

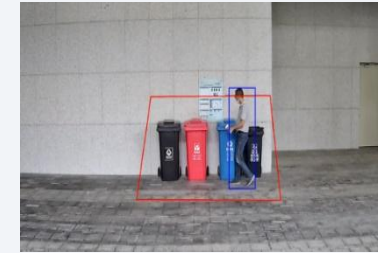


Fire Spot



Smoking

Optical Channel AI



Human



Vehicle



Smoke



Flame



Anti-corrosion & 800M Laser

Bi-Spectrum PTZ

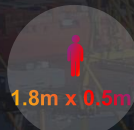
Thermal

640x512px
75mm, 100mm, 26 to 105mm

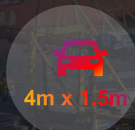
Optical

5MP, 40x, 5mm to 200mm
4MP, 37x, 6.8mm to 251mm

Thermal 75mm Detection Range (2 pixel)



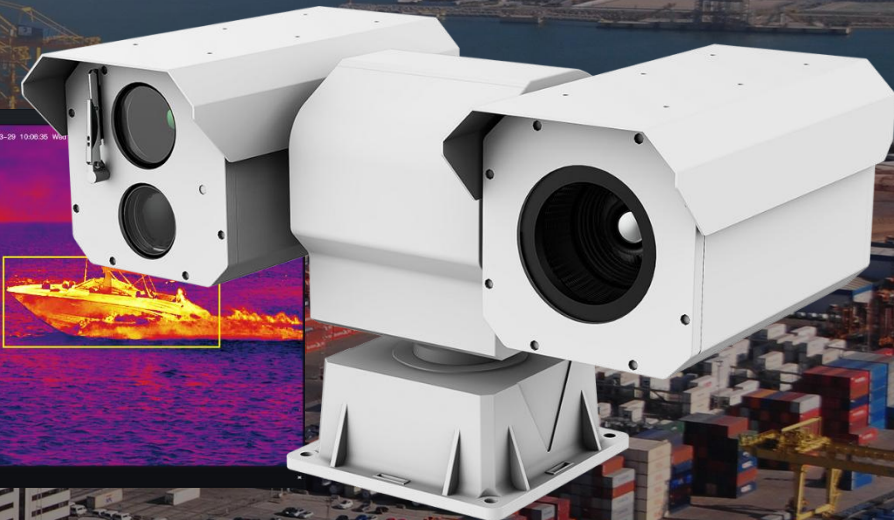
2km



7km



20km



4G

640 x 512 Bi-spectrum Speed Dome

4G

6 Types
4G packages



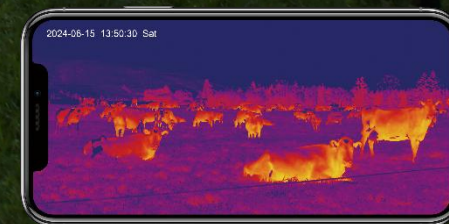
SD Card Storage



Smart Wiper



Edge AI



Bi-Spectrum Cube Camera

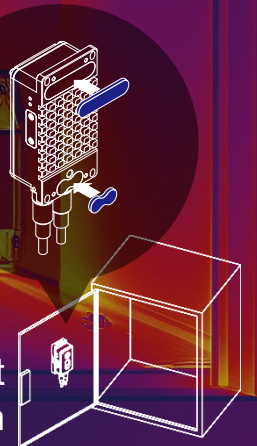
- 256x192
- Ultra Wide-angle, H: 90° , V:65°
- Compact Design, Suitable for narrow space

External LED displays temp.

33.8°C

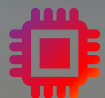


Magnet
Installation



640 x 512

Bi-Spectrum Bullet



Thermal: 640 x 512, 9/15/25/35/50 mm
Optical: 4MP, 4/6/10~30 mm



Sound and Light Alarm

Built-in High-power Speaker, Deterrence Distance 150 m



Human/Vehicle/Smoker/Smoke & Flame



IR 100 m



45-48dB
Environment



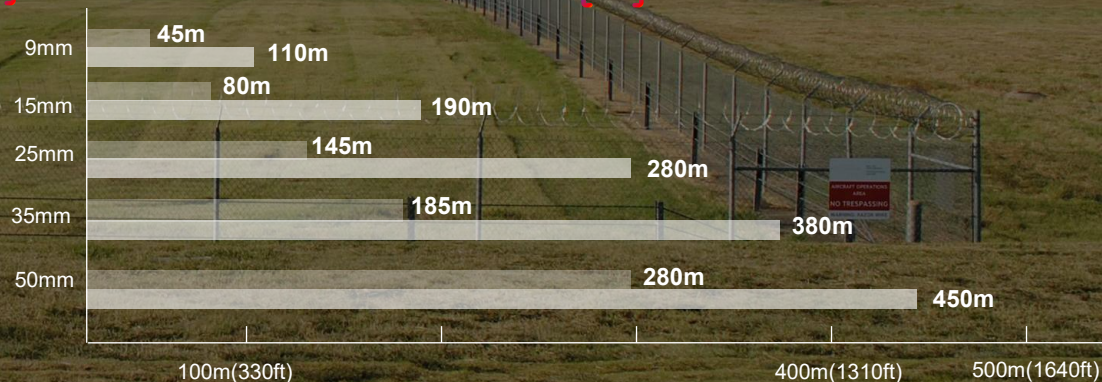
200m



Thermal VCA Performance

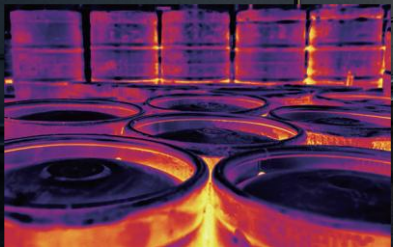
Vehicle(4x1.4m) Human(1.8x0.5m)

Vehicle(4x1.5m)

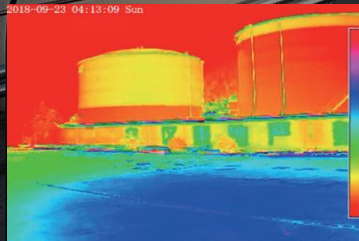


Explosion-proof Thermal

- 640x512
- Dual-certified, IECEx, ATEX
- Edge AI



Chemical Industry



Petroleum



Mine



160 x 120

Cost Savings

- 1.5mm, 120° x 86°
- 2.1mm, 90° x 64°
- 1.5 Tops



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Core
Competitive
Advantage



CMS



APP



IP Camera



Speed Dome



Explosion-proof
Anti-corrosion



Thermal

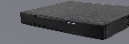
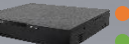


NVR

Recorder



● RAID ● Intelligent

		1 HDD	2 HDD	4 HDD	8 HDD	16 HDD	24 HDD
NVR	Ultra & Pro			 32ch  64ch	 64ch  64ch Dual Power Supply	 128ch  256ch	 128ch  256ch
			 8PoE, 8ch  16PoE, 16ch	 16PoE, 32ch  16PoE, 64ch	 16PoE, 64ch		
	Eco	 4ch  8ch	 16ch  32ch				
		 4PoE, 4ch  8PoE, 8ch	 8PoE, 8ch  16PoE, 16ch				
DVR	Lite	 4ch  8ch  16ch					
		 4PoE, 4ch  8PoE, 8ch					
	Pro	 4ch  8ch	 8ch  16ch	 16ch  32ch	 32ch		
		 4ch  8ch  16ch	 8ch  16ch				
	Eco	 4ch(XVR)	 8ch(XVR)  16ch(XVR)				
		 4ch(XVR)	 8ch(XVR)  16ch(XVR)				
	Lite	 4ch  8ch  16ch					
		 4ch  8ch  16ch					

1/2/4/8 HDDs Optional

Ultra

- Decode: up to 48ch@1080P
- 8K HDMI
- Face recognition, LPR
- Face library, blacklist & visitor alarm
- Fisheye dewarping
- People counting
- Thermal management
- P2P, audio, alarm
- Spot monitor, ANR
- Dual gigabit in
- RAID 0/1/5/6/10
- Redundant Power
- Hardware RAID(optional)
- Acceleration card (optional)

Pro

- Decode: up to 4ch 12MP, 8ch 8MP, 16ch 4MP, 32ch 2MP
- Face recognition, LPR
- Face library, blacklist & visitor alarm
- Fisheye dewarping
- People counting
- Local AI: Full channel
- Thermal management
- P2P, audio, alarm
- Max. 16T for each HDD
- Spot monitor, ANR
- Dual gigabit in
- RAID 0/1/5/6/10
- N+1 Hot Spare (Non PoE Series)

Eco

- Decode: up to 1ch 12MP, 4ch 4MP, 8ch 2MP, 16ch D1
- Face recognition, LPR
- Face library, blacklist & visitor alarm
- Fisheye dewarping(WEB)
- People counting
- Local AI: Full channel
- Thermal management
- P2P, audio, alarm
- Max. 12T for each HDD
- Spot monitor, ANR
- N+1 Hot Spare (Non PoE Series)

Lite

- Decode: up to 1ch 8MP, 4ch 2MP, 16ch D1
- AI camera intelligent event alarm
- Multi-channel playback
- P2P
- Max. 10T for each HDD
- HDMI/VGA

128CH & 256CH

16 HDDs/24 HDDs

- Decoding Capacity: 48CH @1080P
- 8K HDMI
- Redundant Power
- Hardware RAID(optional)
- Acceleration card (optional)



64 CH

4K Redundant Power Supply NVR



Load
Balance



Hot-swappable
Power Supply



Power Supply
Failure Alarm

IP Speaker



Horn Speaker



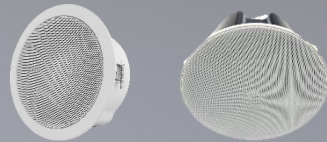
15W SN-PA1H01-15

- IP67,SIP & ONVIF
- POE(802.3af)
- Alarm in

30W SN-PA1H01-M-30

- IP67,SIP & ONVIF
- Built-in Mic
- Alarm in
- Audio in, TF card(Optional)

Ceiling Speaker



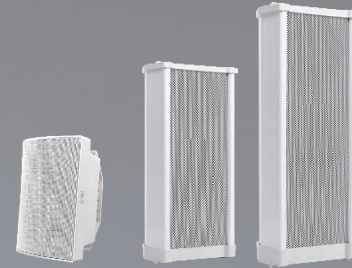
50W SN-PA1C01-50

- Indoor
- SIP & ONVIF
- POE++(802.3bt)

15W SN-PA1C01-M-15

- Indoor(Built-in Mic)
- SIP & ONVIF
- Alarm in

Wall Speaker



20W-80W SN-PA1LXX-XX

- SIP & ONVIF

15W/30W SN-PA1WXX-XX

- SIP & ONVIF
- POE
- Alarm in

Audio Adapter



15W SN-PA1B01-15

- Built-in 15W amplifier
- Indoor
- SIP & RTP
- POE(802.3af)
- GPIO Alarm 2 in/1 out
- Mic
- Headset: 32Ω
- Speaker: 8Ω 15W
- 112×105×29 mm
- 0.25 Kg
- Metal

ONVIF

SIP

WEB

API

PoE

Network Control Keyboard



Multi-protocol
ONVIF, RS485, RS232



Control
PTZ & NVR



4D Joystick



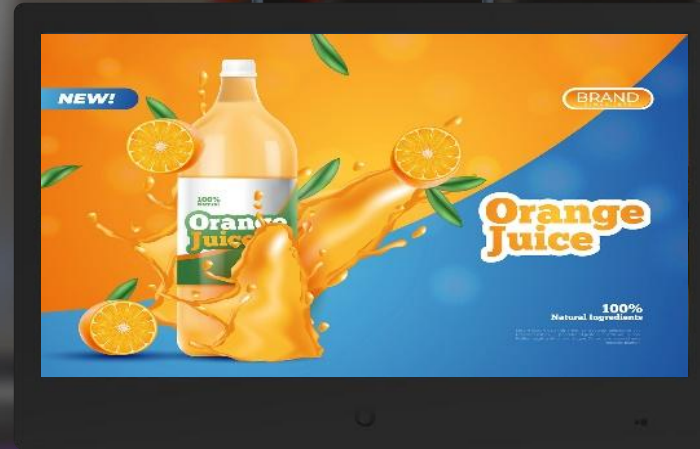
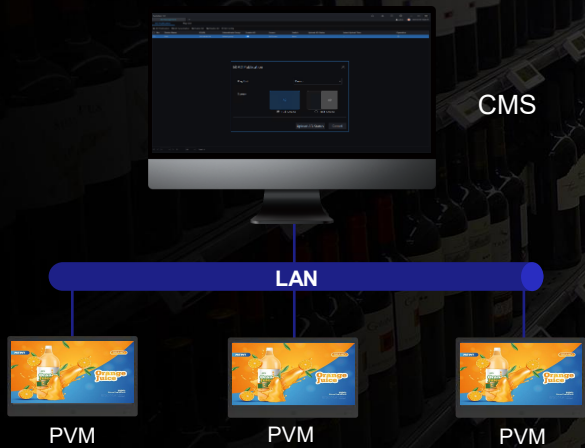
LCD Screen



AI PVM

(Public View Monitor)

- Live Monitoring & Advertising
- Alarm: Motion, Face Detection
- Remote Management: WEB & CMS
- Up to 1TB TF Card



23.8" PVM

31.5" PVM

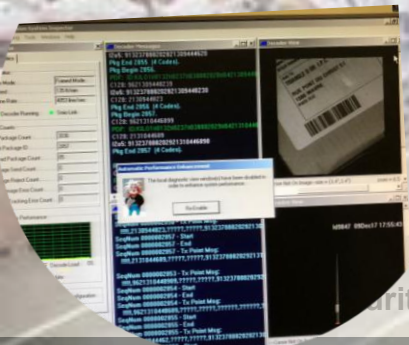


Recycling Industrie

- Broei- Rook- Brand Verificatie;
- Kentekenherkenning binnenkomend verkeer;
- Arbo controle: veiligheidslaarzen/helm en vest;
- Integratie met blusinstallatie;
- Perimeter Controle

Logistiek

- Tellen van werknemers(tijdsregistratie)
- Tellen van pakketten
- kentekenherkenning
- Triple Verification dmv gezichtsherkenning in combinatie met badges/toegangscontrole
- Thermische hek observatie
- Integratie met ERP systeem
- Integratie met Toegangscontrole en Hulpdiensten



Vleesverwerkende Industrie

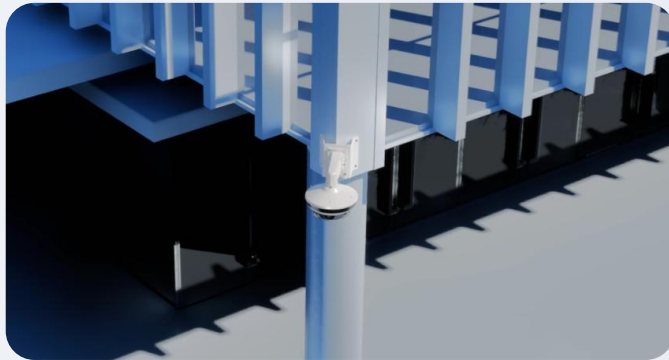
- Tellen van werknemers(tijdsregistratie)
- Tellen van binnenkomende goederen;
- Controle Milieueisen
- Controle op laarzen/haarnetjes
- Triple Verification process
- Thermal Fencing
- Integratie met ERP systeem
- Integratie met Toegang- Brand- Alarm en Hulpdiensten

Kippenboerderij

- Tellen van kuikens
- Groeiregistratie ivm medicaties
- Controle personen;
- Controle Mileueisen
- Controle op laarzen/haarnetjes
- Triple Verification process
- Thermal Fencing
- Integratie met ERP systeem
- Integratie met Toegang- Brand- Alarm en Hulpdiensten

CASE | Campus

📍 Germany



Product Advantages

One camera with 4 adjustable lenses covering a 360° field of view. Reduces wiring complexity and labor costs. 5 MP starlight night vision ensures high quality surveillance 24 hours a day.

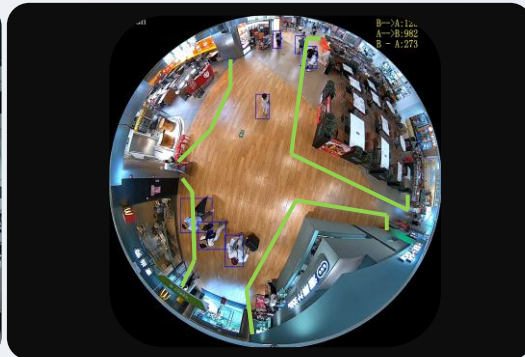
- 4 x5MP multi-sensor
- 30fps
- Motorized lens 2.7-13.5 mm
- Single IP address
- 8 TOPS, 4channel AI

User Value

Multi-sensor provides comprehensive protection for campus security through panoramic coverage, intelligent analysis, efficient management and other functions, while reducing deployment and operation costs.

CASE | Supermarket

📍 Poland



Product Advantages

- People Counting
- Queue Management
- POS Integration
- Heat Map

User Value

Assisted decision making

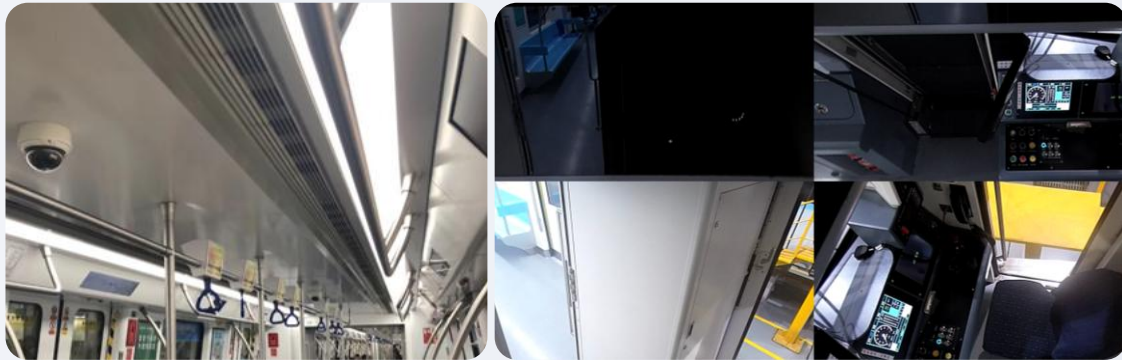
Understand which time period has more customers and which products are more popular, in order to adjust the layout of the store and the order of product placement, and increase sales.

Quickly respond to disputes and enhance trust

When customers have questions about transactions, merchants can instantly access video replays with overlaid cashier data, providing transparent evidence and enhancing service credibility

CASE | Metro/Train

📍 Germany



Product Advantages

- EN50155 Compliant
- EN 50121-2 Compliant
- M12 D-coded
- Built-in Mic

User Value

High definition surveillance cameras can accurately identify passenger behavior, suspicious items, and abnormal events (such as crowding, stranded items, etc.).

CASE | Ports

📍 Saudi Arabia



Product Advantages

Target recognition and intrusion detection

Even in adverse weather conditions, it is possible to clearly identify targets such as human, vehicles, and ships, and detect illegal ships or smuggling activities from a distance

- 640 x 512 bi-spectrum
- Anti-corrosion

User Value

Bi-spectrum PTZ with all-weather multi-target identification capability, can detect ships at long distances, effectively deal with complex light and harsh environments, and significantly improve the safety of port operations and emergency response efficiency.

CASE | Car-wash Chains

📍 Netherlands, Belgium, Germany, Austria



Product Advantages

- 8MP UHD
- IK10
- IP67
- Anti-corrosion
- Built-in microphone

User Value

With 8MP starlight high image quality and high protection level, it can still operate stably for a long time in harsh environments, providing high definition monitoring and precise intelligent event alarms!

CASE | Data Center

📍 Germany, Netherlands



Product Advantages

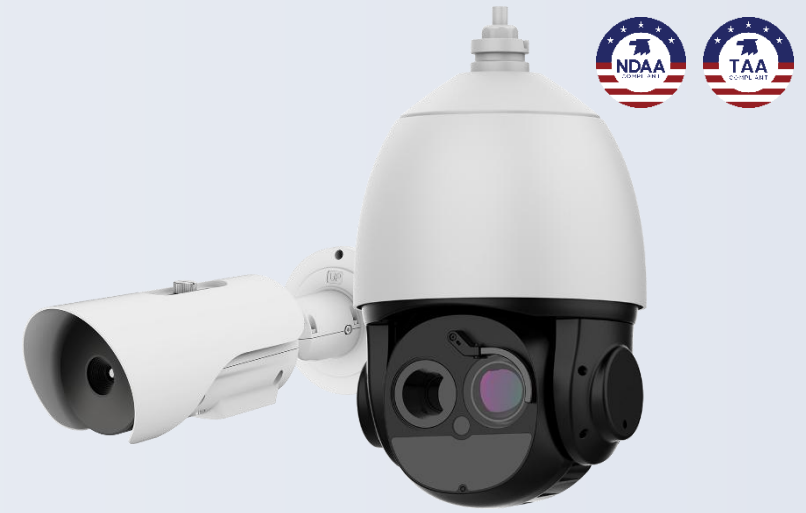
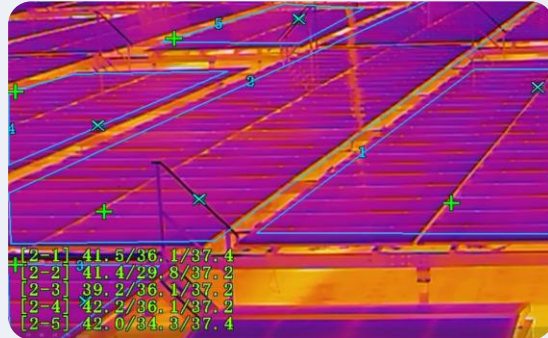
- Compact design, suitable for narrow space
- Monitoring of abnormal temperature in server group
- UPS battery pack temperature anomaly monitoring
- 256x192, 2.1mm, 3.5mm

User Value

Online temperature measurement prevents potential hardware failures, visible light images can promptly detect abnormal colors of faulty equipment indicator lights, and online temperature measurement of uninterruptible power supply (UPS) battery packs can promptly detect abnormalities in battery temperatures and provide an alert before a fire occurs.

CASE | Solar Photovoltaic Station

📍 Greece, Spain



Product Advantages

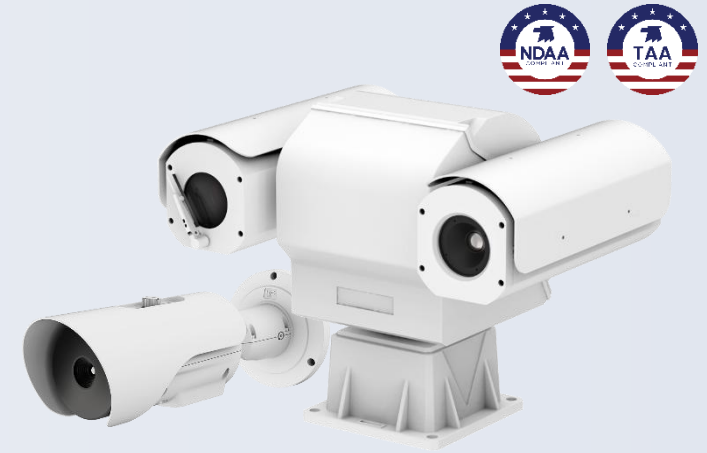
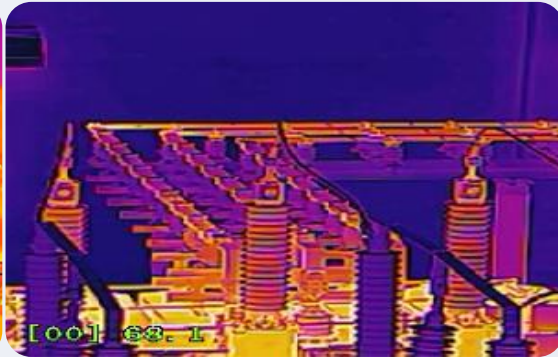
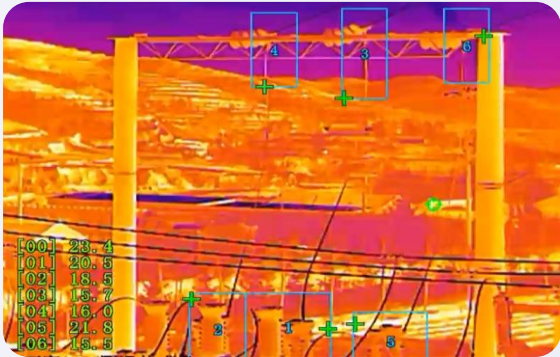
- Smoke & flame detection
- Fire spot detection
- Perimeter protection
- Support preset detection mode

User Value

Deploying bi-spectrum thermal imaging at photovoltaic power plants allows timely detection of solar panel anomalies such as hot spots and fouling. Equipped with intelligent algorithms, the system provides early fire warning and intrusion detection, thereby reducing operating costs and ensuring power generation efficiency.

CASE | Substation

📍 Middle East



Product Advantages

Online monitoring of transformers, circuit breakers and other critical electrical equipment for high temperatures, faults or defects.

- Temperature Accuracy: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$
- Preset temperature measurement

User Value

Through non-contact real-time monitoring and early warning, it realizes 24-hour automated equipment temperature inspection, accurately locates hot spots and insulation faults, effectively prevents fire accidents, reduces the cost of manual inspection, and improves the safety and operational efficiency of unattended substations.

CASE | Petrochemical Plant

📍 Middle East



Product Advantages

- Dual-certified: IECEx & ATEX
- 316L, IP68
- Edge AI: Human, vehicle, smoke & flame, PPE(Optional)
- Temperature Measurement Accuracy: $\pm 2^{\circ}\text{C}$ / $\pm 2\%$

User Value

Through intelligent analysis and accurate temperature measurement, it has shifted from reactive response to proactive prevention, which has comprehensively improved the level of production safety management.

Observation Recognition Identification

Observation by CCTV;
Thermal Fencing for Identification
LPNR Identification
Face Detection

Integration with ERP system
Integration into Access Control – Alarm - Fire



LPNR Identification

LPNR Control
Visitors control
Speed
Direction
Container registration Control

Integration with ERP system
Integration RDW – Parking management-
Access Control and Network



Vehicle Identification

Vehicle Scanning
Container Scanning
LPNR
Secured Entrance by Access Control

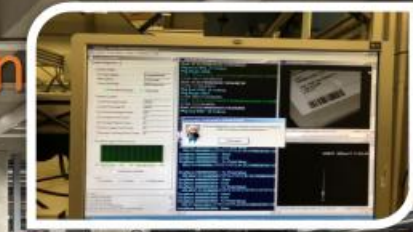
Integration with ERP system
Integration RDW – Parking management-
Access Control and Network



Conveyorband Identification

Scanning packages
Control Picking Control
Pallet Picking Control
Speed control
Virtual fencing

Integration with ERP system
Integration with Coneyor Control and Network





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