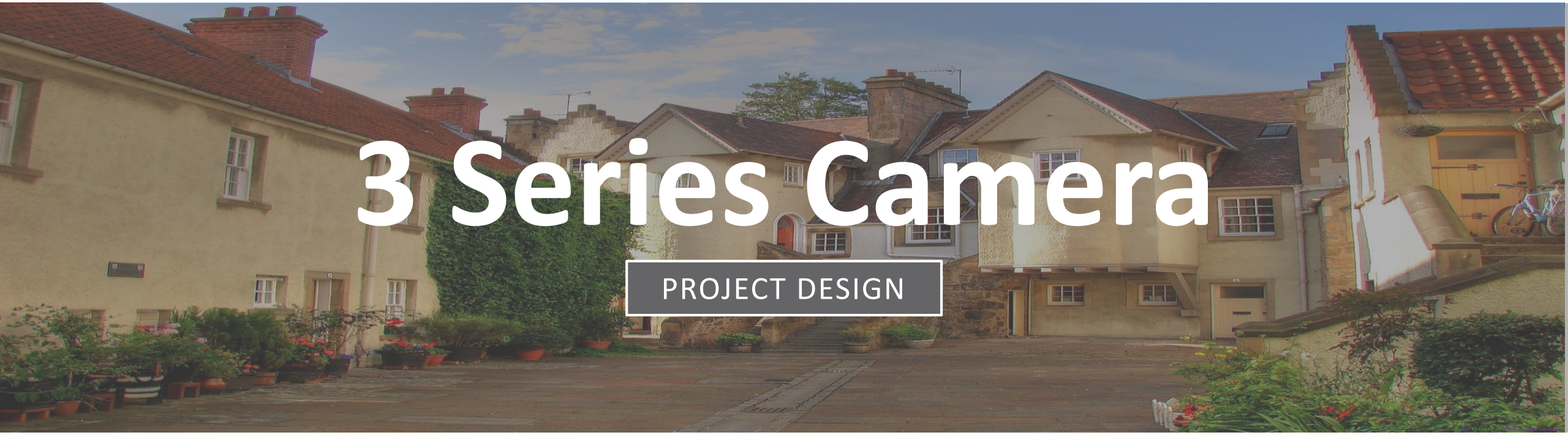
Hikvision – Profi Line

Milan Mareš

First Choice for Security Professionals

HIKVISION



3 Series Camera

PROJECT DESIGN

H.265+

6-VCA

True WDR

Powered by DarkFighter

Up to 8MP

High Frame Rate

3 Series Camera

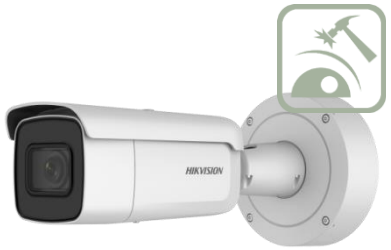
DS-2CD30XXG0-I
IR Fixed Bullet Network Camera

DS-2CD31XXG0-IS
IR Fixed Dome Network Camera

DS-2CD33XXG0-I
IR Fixed Turret Network Camera

DS-2CD35XXG0-IS
IR Fixed Mini Dome Camera

DS-2CD3TXXG0-4I
IR Fixed Bullet Network Camera



DS-2CD36XXG1-IZ(S)
IR Vari-focal Bullet Network Camera

DS-2CD37XXG1-IZ(S)
IR Vari-focal Dome Network Camera

DS-2CD3HXXG0-IZS
IR Vari-focal Turret Network Camera

Ultra Series

DarkFighter

H.265+

140dB WDR

NEMA 4X

Multi-VCA

Easy Installation

5 streams

5 Series IP Camera

DS-2CD50X6G0-(AP)
Indoor box camera

DS-2CD5026G0/E
IP66,IK10

DS-2CD51x6G0-IZS
Indoor dome camera

DS-2CD5Ax6G0-IZS(HY)
Outdoor bullet camera

DS-2CD55x6G0-IZS(HY)
Outdoor dome camera

5 Series IP Camera

DarkFighter

H.265+

140dB WDR

NEMA 4X

Multi-VCA

Deep learning

5 streams

7 Series IP Kamera

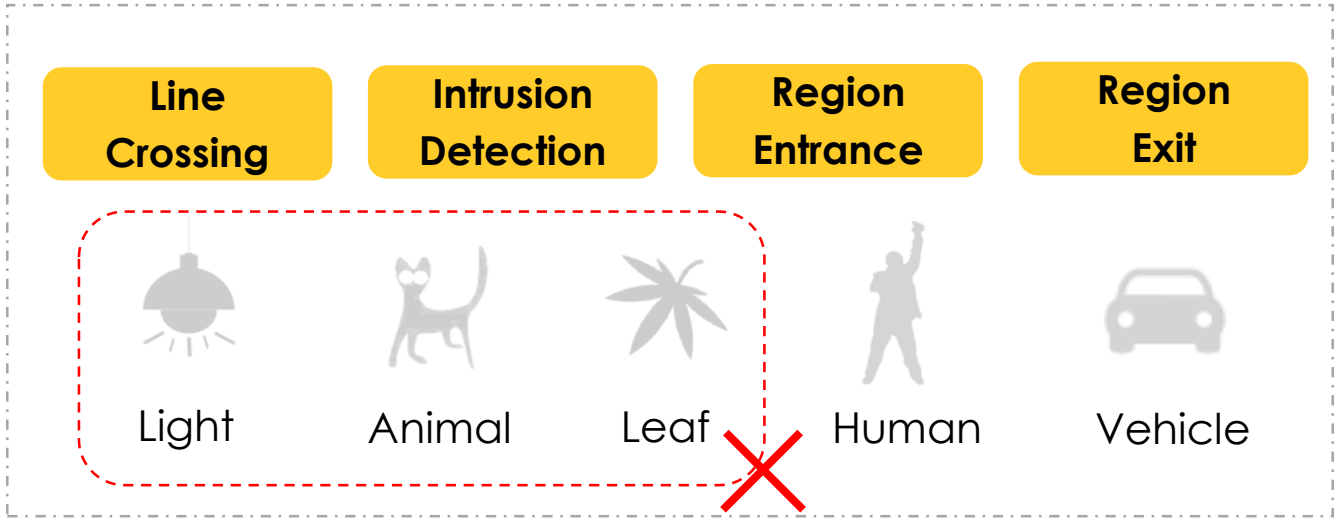
DS-2CD7026G0-(AP)
Indoor box camera

DS-2CD7126G0-IZS
Inddor dome camera

DS-2CD7A26G0-IZS(H)
Outdoor bullet camera

DS-2CD7526G0-IZS(H)
Outdoor dome camera

DeepinView Perimeter Protection Solution



For traditional Perimeter Protection, alarm may trigger disturbed by other objects like light, animals, leaves, etc., which leads to low accuracy. DeepinView Perimeter Protection Solution integrates with powerful GPU and adopts the latest and self-developed deep learning algorithm. Large quantity of samples input to ensure the accuracy of detection and classification.

DS-2CD7A26G0-IZ (H) S
DS-2CD7526G0-IZ (H) S
DS-2CD7126G0-IZS
DS-2CD7026G0-(AP)

2nd Generation DeepinView Series

Accurate People Counting

Excluding shop staffs and repetitive consumers, **face recognition** and **face features analysis**.

Face recognition

Supporting **face recognition** and **face features analysis**.

Helmet Detection

Detecting whether a person wears a helmet or not.

Attributes Extraction & Modeling

Supporting **Human body features analysis** and **vehicle features analysis.**

Queuing Management

Detecting the **people number** in queuing and the **waiting time** of each person.

Vehicle Analysis

Supporting **ANPR** and **vehicle features analysis**.

8K Ultra HD Camera

DS-2CD72325G0

DS-2CD72205G0/E

Customized I and super I Series NVR support to decode the 32 MP video.

Ultra High Definition

7680 × 4320 @ 25fps

5472 × 3648 @ 25fps

Supporting a variety of lens

Supporting flexible collocation of M42, CS, F interface type of lens.

Rich interfaces

Supports for rich interfaces, includes alarm 3 inputs/3 outputs, audio 2 inputs/1 output.

Outdoor

The DS-2CD72205G0/E with housing supports IP 66 which can be widely used in outside.

PanoVu Family

All in one Design

High Resolution

Low Illumination

Smart Functions

Low Bitrate

PanoVu Family

DS-2DP1636-D
360° Panoramic Camera

DS-2DP0818/1636ZIX-D/236(/250)(/836)
180° /360° IR Panoramic + PTZ Camera

DS-2CD6924F-I

DS-2CD6A24F-I

2nd Generation 8MP Multi-Sensors PanoVu

DS-2CD6984F-I
32MP Multi-Sensors Camera

Enterprise

Playground

Stadium

Campus

Square

Airport

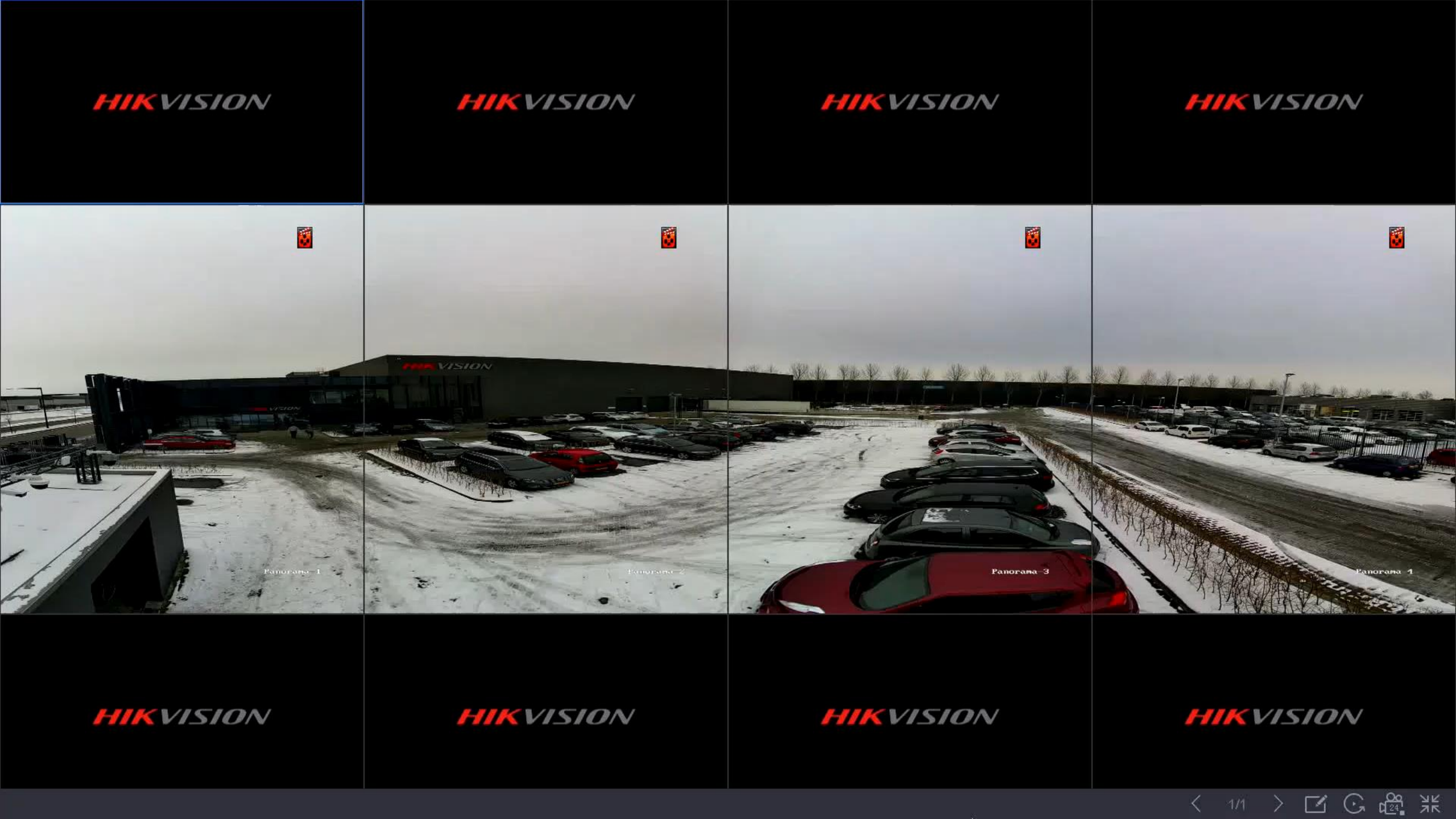
HIKVISION
HIKVISION
GVS
GVS
32MP PanoVu

HIKVISION

HIKVISION

HIKVISION

HIKVISION


HIKVISION
HIKVISION
HIKVISION
HIKVISION
Panorama 1
Panorama 2
Panorama 3
Panorama 4
HIKVISION
HIKVISION
HIKVISION
HIKVISION

New DF Series PTZ

More Choices For Every Requirement

DF Series New Products

New hardware, more functions, better performance

H.265+

New DF Series PTZ

8'' Darkfigher PTZ
DS-2DF8xxxIX-AEL(W)

6" Darkfigher PTZ
DS-2DF6225X-AEL
DS-2DF6AxxxX-AEL

Sample

Ultra-Large Optical Zoom PTZ
DS-2DF8250I5X-AEL(W)

7''/5'' PTZ
7'' DS-2DF72xxIX-AEL(W)
5'' DS-2DF52xxX-AEL
5'' DS-2DF52xxX-AE3

HIKVISION

DF8A PTZ

DS-2DF8A436IX-AEL
DS-2DF8A836IX-AEL

- 36x optical zoom
- Deep Learning
- DarkFighter
- Auto-tracking 2.0
- 120 dB WDR (4MP)
- Optical defog
- IP67, IK10
- 24V AC, Hi-PoE

Diskrétní sledování

Neidentifikovatelný objektiv

250 m IR

IR přísvit o vlnové délce 850 nm
má dosah až 250 m

4 MP DarkFighter Technology

Vysoká citlivost 0.002 lux

Redukce falešných alarmů

Deep-learning algoritmus pomáhá rozlišit lidi a vozidla od ostatních objektů v obraze

Upgraded Products - DF Series

DF Series

- Auto-tracking 2.0
- 36x optical zoom
- EIS (Electrical Image Stabilization)
- 200 m/ 250 m IR

Upgrade

DF Series

- **Auto-tracking 3.0**
- **42x optical zoom**
- GIS (Gyroscope Image Stabilization)
- Face Capture /ANPR
- 400 m \500 m IR
- Shocking Detection

Auto-tracking 3.0 – Tracking people

In many people scenario, PTZ cameras support face capture, body modelling, body structuring and comparing, which make it easy to track the suspect automatically and stably.

Sample video shows that auto-tracking 3.0 makes it difficult to lose track of the suspect.

Auto-tracking 3.0 – Tracking vehicles

In many vehicles scenario, PTZ cameras support ANPR, vehicle modelling, vehicle structuring and comparing, which make it easy to track the suspect vehicle automatically and stably.

Sample video shows that auto-tracking 3.0 makes it difficult to lose track of the suspect car.

Positioning System

✓ **Ultra low illumination**
Never be left in the dark

✓ **Wide tilt range**
Suitable for tall building & electric power line surveillance

Positioning System Family

DS-2DY3220IW/3320IW-DE

DS-2DY3220IW/3320IW-DE4

DS-2DY5223IW-AE
DS-2DY5223IW-DM

DS-2DY7236(I)W-A
DS-2DY7230(I)W-A

Coming Soon

DS-2DYH255IX-D
10-550mm

DS-2DY9185-A
DS-2DY9188-A

DS-2DY9187-AI8
DS-2DY9188-AIA
DS-2DY9250IAX-A

Profesionální řada - I Series NVR

Vysoká spolehlivost

H.265+

Hot spare

ANPR

Video synapse

4.0 GUI

2x gigabit NIC

IP Back-end Products

HIKVISION

Ultra Series

DeepinMind Series

96-I 9 Series NVR	iDS-67NXI-S iDS-67NXI-F 67 Series NVS	iDS-77NXI-S 77 Series NVR	iDS-96NXI-S iDS-96NXI-F 96 Series NVR
Decoding capability: 2-ch 4K Max resolution: 12MP	Up to 4-ch 8MP IP camera access capability 2 gigabit Ethernet network interfaces	Decoding capability: 4-ch 8MP / 2-ch 4K Max resolution: 12MP	Decoding capability: 16-ch 1080P Max resolution: 12MP

HIKVISION

DeepinMind Human Detection NVR

iDS-7716/32NXI-I4/(16P)/8S
iDS-9632NXI-I8/16S

- This intelligent NVR effectively ‘learns’ to identify people captured by video surveillance cameras.
- The NVR will also learn to filter out false alarms that would have previously been triggered by non-threatening moving objects.
- It can simply substitute an existing DVR or NVR, introducing intelligent learning previously unavailable with traditional surveillance systems in just one step.

DeepinMind Face Recognition NVR

iDS-9632NXI-I8/8F

- This intelligent NVR is powered by a deep learning algorithm and high performance GPU.
- The NVR can do fast and effective facial recognition, search and analysis.
- It boosts accuracy with increasing volume of data.

DeepinMind X Series NVR

3 in 1

(three functions switchable)

iDS-7700NXI-I4/X (B)
iDS-9600NXI-I8/X (B)

01 **Video Structuralization**

New

Up to 4-ch video analysis for human bodies and vehicles
Supported from V4.22.100

02 **Facial Recognition**

Face library: up to 32 libraries, with up to 100,000 face pictures in total
Up to 16-ch face picture comparison
Up to 8-ch face capture

03 **Perimeter Protection**

Up to 16-ch false alarm reduction

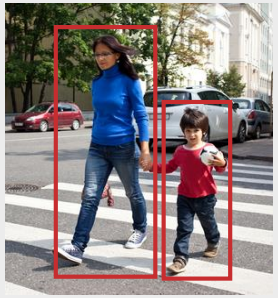
DeepinMind X Series NVR

Workflow of Video Structuralization

HD IP Camera

iDS-7700NXI-I4/X (B)
iDS-9600NXI-I8/X (B)

NVR GUI / iVMS-4200



Human body

Vehicle

Attributes extraction & modeling

Gender
Age
Glasses

Tops color
Baggage

Bicycle

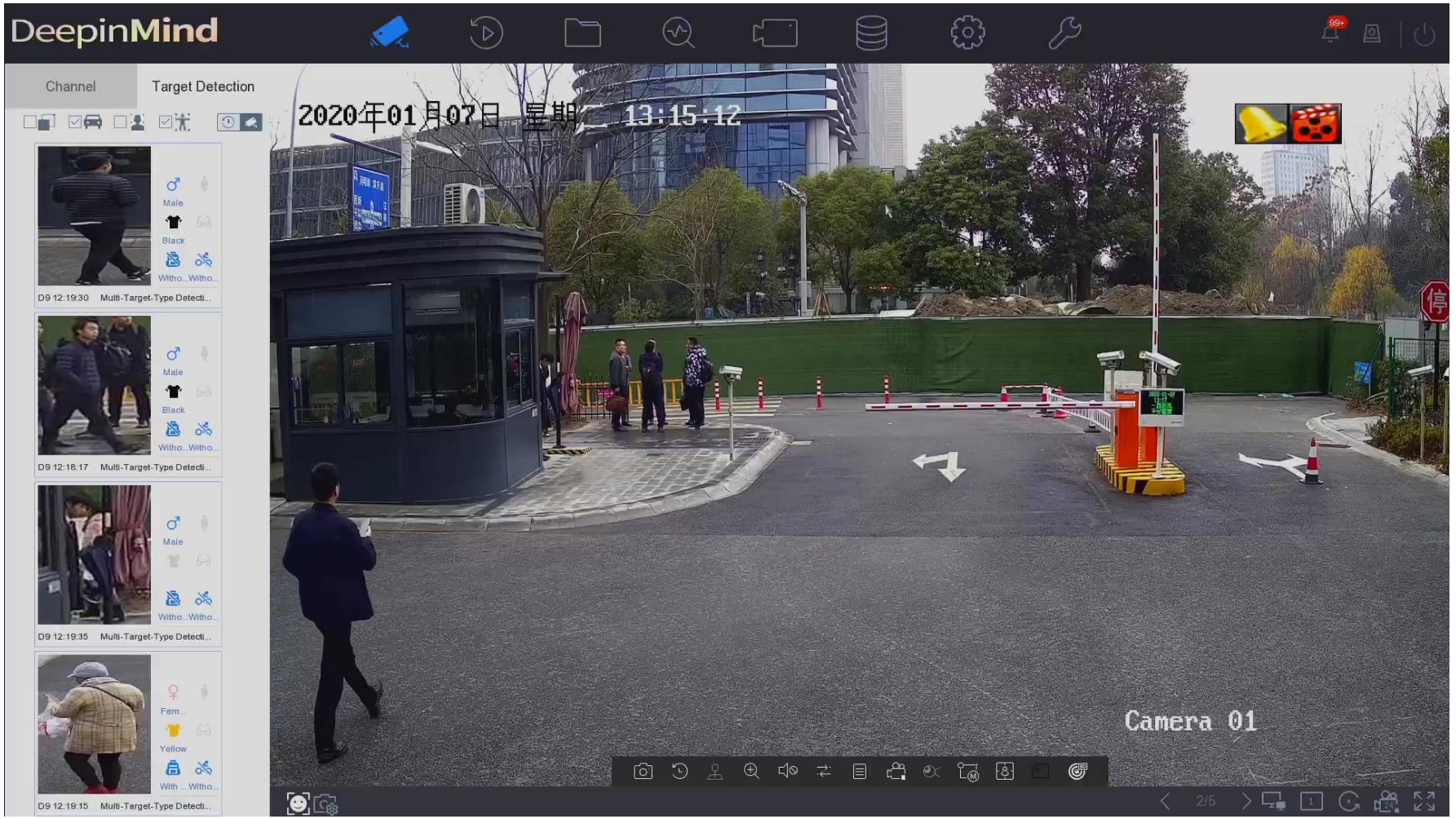
Vehicle Type
Vehicle Color

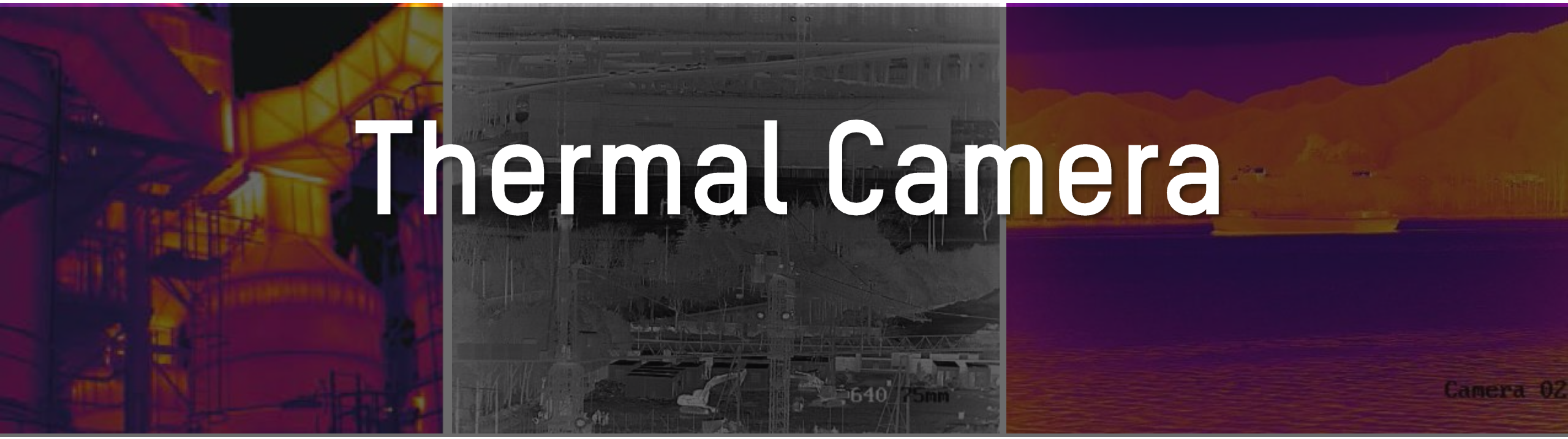
- **Search by appearance**
(human body/vehicle)

- **Search by picture**
(human body)

DeepinMind X Series NVR

Video Structuralization: Extracting Attributes





Thermal Camera

Everything (temperature above absolute zero -273℃) in nature has the thermal radiation.
As long as more than absolute zero, we can distinguish it in the thermal image.

Thermal Camera

HIKVISION

Security

DS-2TD21XX
Thermal Network Bullet Camera

DS-2TD26XX
Bi-spectrum Bullet Camera

DS-2TD23XX
Thermal Network Bullet Camera

DS-2TD28XX
Bi-spectrum Bullet Camera

DS-2TD4XXX
Thermal Speed Dome

DS-2TD6XXX
Thermometric Positioning System

DS-2TD8XXX
Bi-spectrum Stable PTZ Camera

DS-2TD1XXX
Bi-spectrum Dome Camera

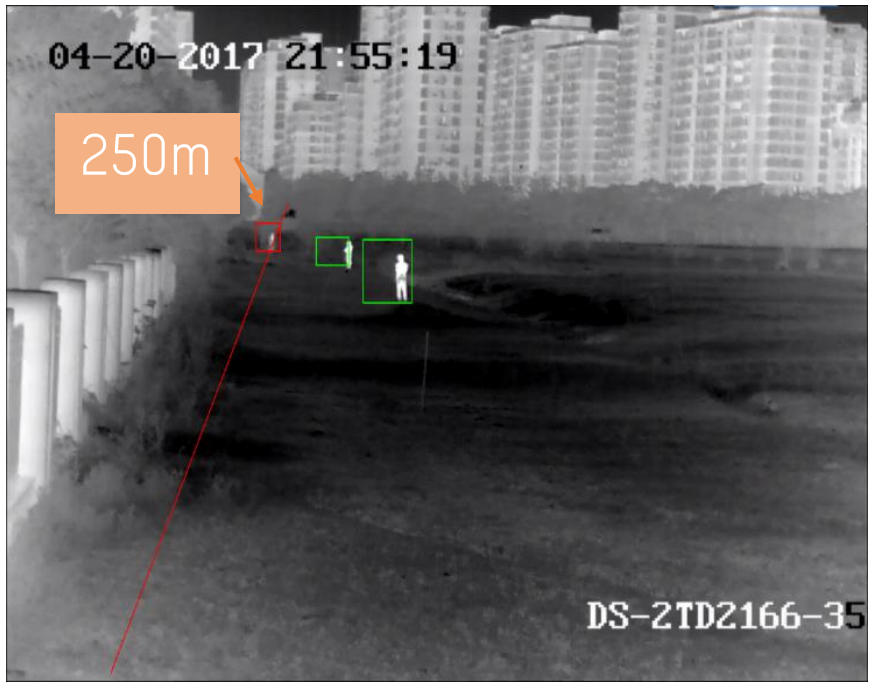
DS-2TX3636
Linkage Tracking System

The Thermal Advantage

Compared to optical camera, thermal provides higher alarm accuracy (Rules: Intrusion, line crossing)

Visible

Thermal



DS-2TD21XXT
Thermal Network Bullet Camera

DS-2TD41XXT
Thermal Speed Dome

DS-2TD62XXT
Bi-Spectrum Network Positioning System

DS-2TAXX
Thermographic Automation Thermal Camera

DS-2TPXX
Handheld Thermography Thermal Camera

Thermal Camera

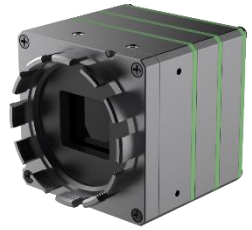
DS-2TS03
Handheld Observational Thermal Camera

DS-2TS16
Handheld Thermal & Optical Bi-Spectrum Binocular

DS-2TR03
Thermal Scope

DS-2TV13
Bi-spectrum Advanced Driving Assistance System

DS-2TV03
Thermal Advanced Driving Assistance System



DS-2TMXX
Thermal Camera Module Component

Special Camera

Anti-corrosion

Explosion-proof

Heat-Resistant

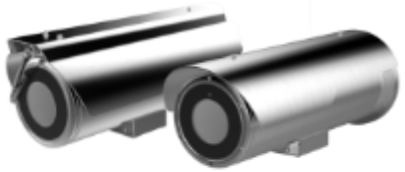
Fisheye
Wide Angle

Consumer&Convert

WIFI&4G

Anti-corrosion &Explosion-proof &Heat-Resistant &Fisheye &...

DS-2XC6122FWD-IS
Anti-corrosion Mini Dome



DS-2CD6626B-IZH(R)S
Anti-corrosion VF Bullet

DS-2DT6223-AELY
Anti-corrosion PTZ Dome Camera

Coming Soon

Underwater Camera

Explosion-proof IR/EXIR VF Bullet

DS-2DF6223-CX
Explosion-proof PTZ Dome Camera

Heat-Resistant Outdoor Housing
DS-1331HZ-R
Semi-conductor refrigeration

Coming Soon

Heat-Resistant Outdoor VF Bullet
Air-cycle refrigeration

DS-2CD63XX
Fisheye Camera

DS-2CD6W32FWD-IVS
Wide-Angle Network Camera
Corner Installation

Access Control Video Intercom

A full range of surveillance products and solutions

Topologie systému

Jeden byt až 5 stanic

Až 512 stanic

Připojení Cloudu zdarma

HIKVISION

Hik-Connect

Wi Fi

Stanice ostrahy

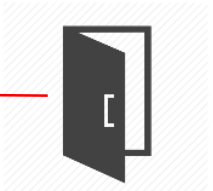
iVMS-4200

CCTV Systém

PoE

Standard POE Switch

PoE
802.3at



Front Door

Garage Door

Dry Contacts

First Choice for Security Professionals

Přístupový kontroler

DS-K2601/02/04

Kontroler

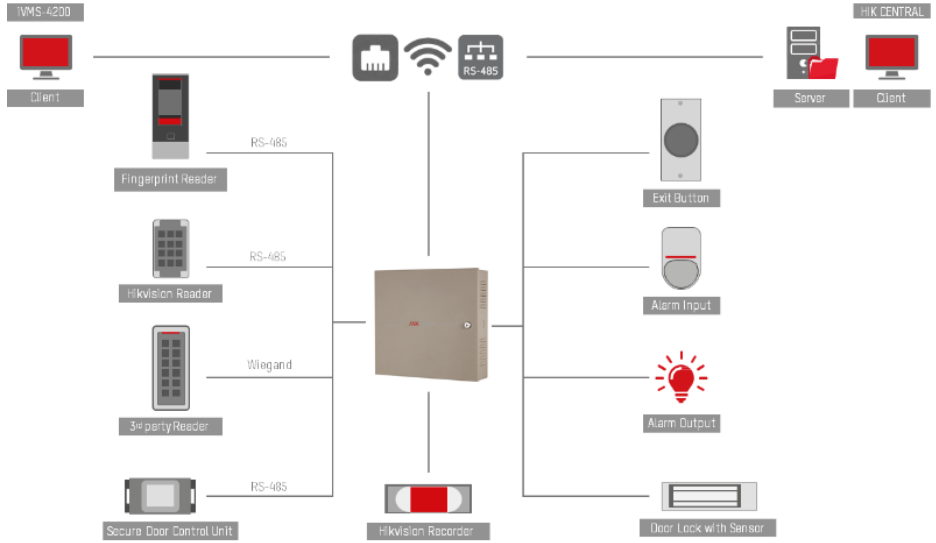
- Více úrovňová autorizace
- Pokročilé funkce řízení přístupu
- Provázaní přístupových událostí s video verifikací
- Robustní provedení se sabotážním kontaktem
- Zálohované akumulátorem

Vhodné do aplikací:

Rezidentní objekty

Velké přístupové systémy

Malé a středně velké podniky



High-end DS-K2600 Series	Economical DS-K2800 Series
100,000 Cards, 300,000 Event Records	10,000 Cards, 50,000 Event Records
Support Wiegand and RS485 reader	Only support Wiegand reader
Communicate with Client by TCP/IP or RS485	Only communicate with Client by TCP/IP
Multiple Authentication, Anti-pass back, Global Antipas back, Multi-door interlock	

EMERGENCY ALARM

Panic Alarm Station

Box Panic Alarm Station

Pole Panic Alarm Station

INTERNAL USE ONLY

Face Recognition Terminal family

HIKVISION

Project

Face Module for Barrier	*≥ 10,000 faces*		DS-K5671 : 20,000 faces
Ultra Series	*≥ 10,000 faces*		DS-K1T672 : 50,000 faces DS-K1T671T : 20,000 faces
Pro Series	*≥ 3,000 faces*		DS-K1T671 : 6,000 faces DS-K1T642* : 6,000 faces

Distribution

Value Series	*≤ 1,500 faces*		DS-K1T341A : 1,500 faces DS-K1T331 : 300 faces

Note: DS-K1T671 will support 6,000 faces with firmware Mar, 2020.

DeepInGo

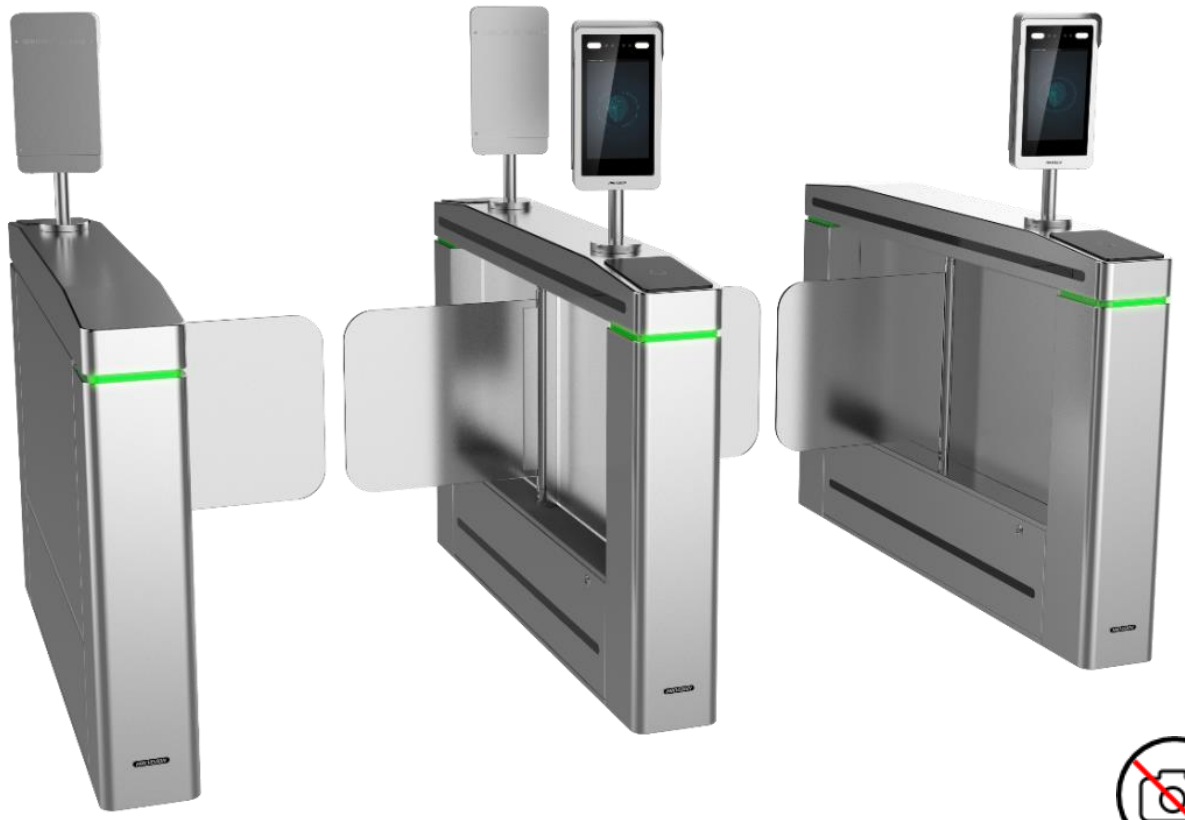
Face recognition pedestrian gate

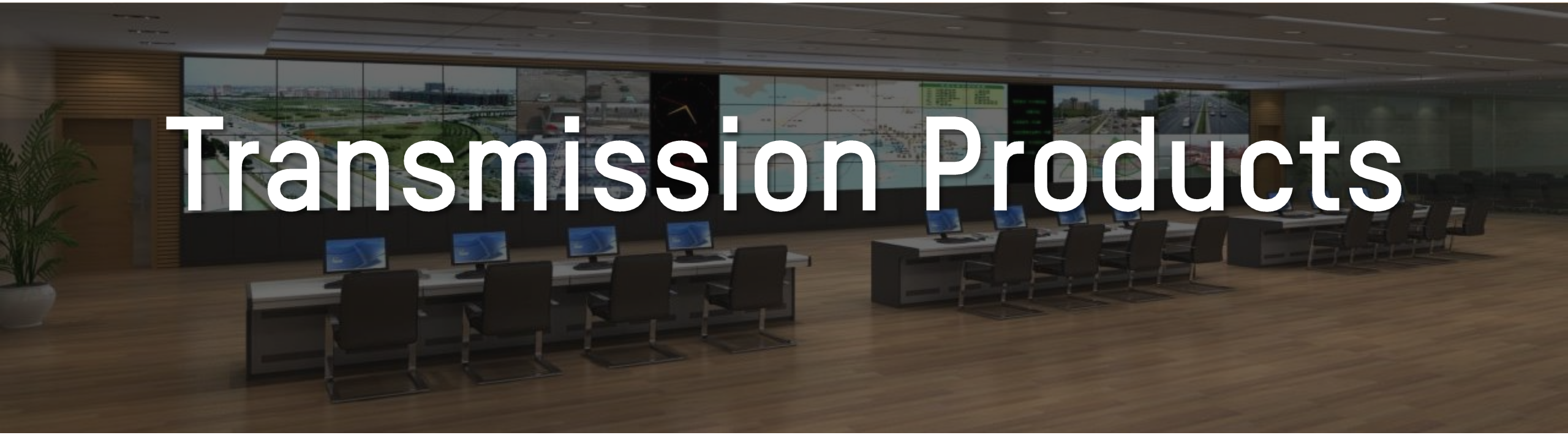
- 10,000 faces, 50,000 cards and 50,000 events
  adopt deep learning algorithm, more fast and accurate

- 30 – 40 passage frequency

  RS232 communication between face recognition terminal and swing barrier

  IP54





Transmission Products

Transmission Products

PoE Switch

Elevator wireless bridge

DS-3WF01C-2N

Network cables

Monitor

19''/22''/24"/32''/42''/49"/55'' /84''

Digital Signage

32"/43"/49"/55"

Wall mounted/ Floor-standing/Touch

LED Video Wall

Indoor/ Outdoor

LCD Video Wall

46"/49"/55"

Interactive Screen

65"/70"/75"/86"/1080p/4k/Touch

Transmission Products

Network Keyboard

DS-1100KI

Network Keyboard

DS-1600KI

Video balun

DS-1H18(S)

(TVI convert to UTP Transmission)

Decoder

DS-6916UDI

Video Wall Controller

DS-C10S

SFP module

HK-SFP-1.25G-20-1310/1550

Thanks