

HIKVISION[®]

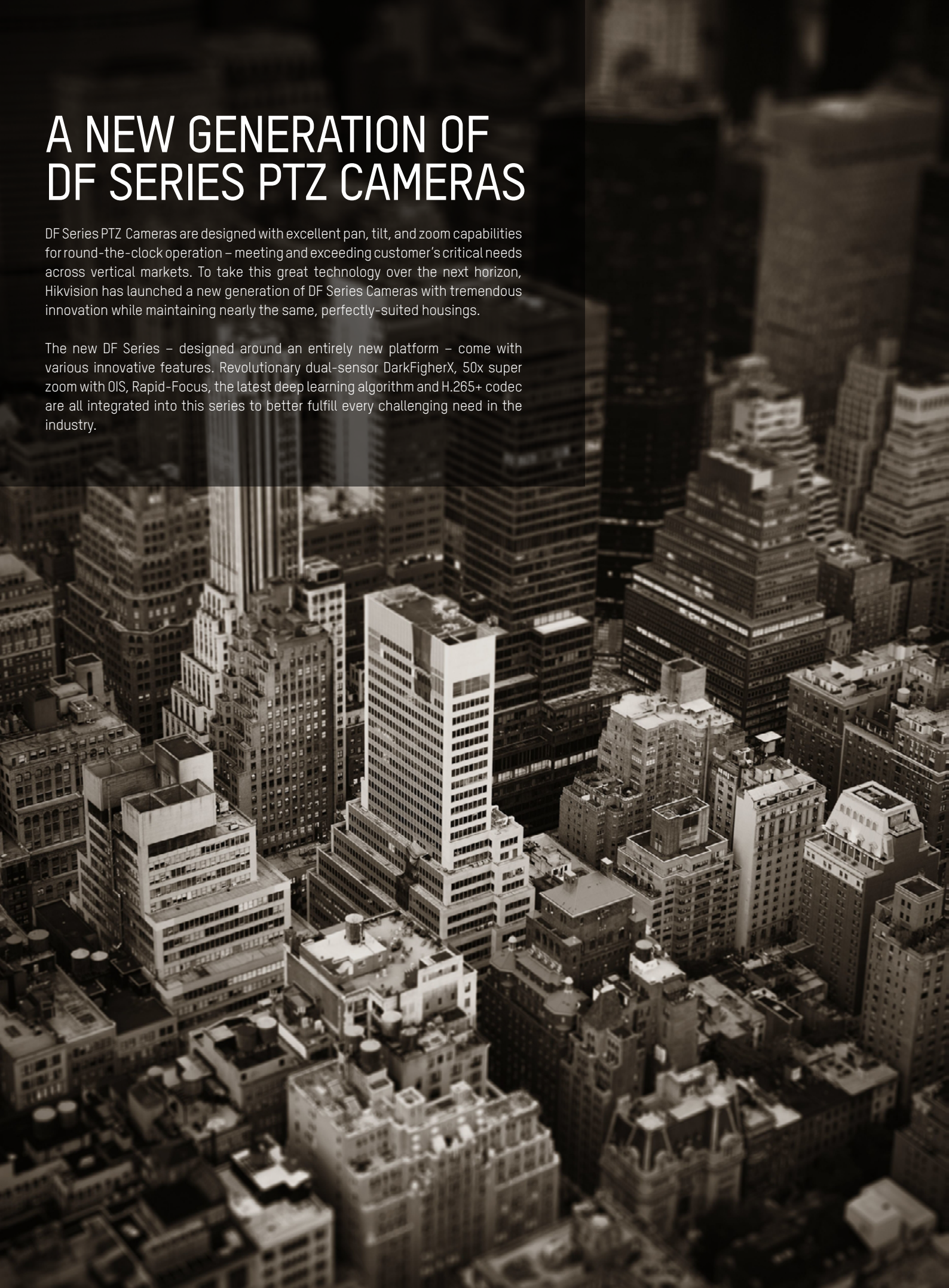


GREAT INNOVATION
FROM DEEP INSIDE
A NEW GENERATION OF
DF SERIES PTZ CAMERAS

A NEW GENERATION OF DF SERIES PTZ CAMERAS

DF Series PTZ Cameras are designed with excellent pan, tilt, and zoom capabilities for round-the-clock operation – meeting and exceeding customer’s critical needs across vertical markets. To take this great technology over the next horizon, Hikvision has launched a new generation of DF Series Cameras with tremendous innovation while maintaining nearly the same, perfectly-suited housings.

The new DF Series – designed around an entirely new platform – come with various innovative features. Revolutionary dual-sensor DarkFigherX, 50x super zoom with OIS, Rapid-Focus, the latest deep learning algorithm and H.265+ codec are all integrated into this series to better fulfill every challenging need in the industry.



NEW PLATFORM > SUPERIOR PERFORMANCE > INTELLIGENT APPLICATIONS

DarkFighterX

- + Revolutionary dual-sensor design, superb ultra-low-light performance

4 MP DarkFighter

- + DarkFighter technology incorporates into ultra-high resolution

Optical Image Stabilization

- + Excellent image stabilization in challenging conditions

50x Optical Zoom

- + Powerful focusing capability

H.265+ Codec

- + Remarkable efficiency in bandwidth and storage usage

Deep Learning

- + Effective VCAs for practical applications

FEATURES OF NEW DF SERIES

1 DarkFighterX



Conventional camera



DarkFighter camera

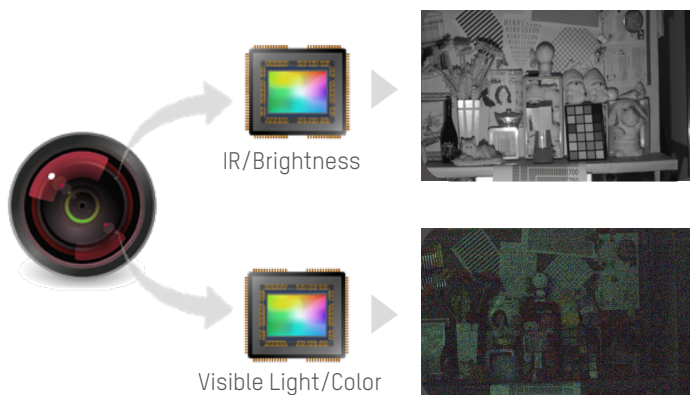


DarkFighterX camera

DarkFighterX

- Higher brightness
- Better color fidelity
- Sharper edge
- Less noise and blur

**Note: only for DS-2DF8225IH-AEL(W) and DS-2DF8225I5H-AEL(W)*

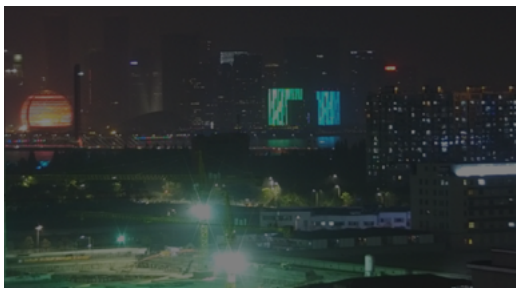


Revolutionary Dual-Sensor Design

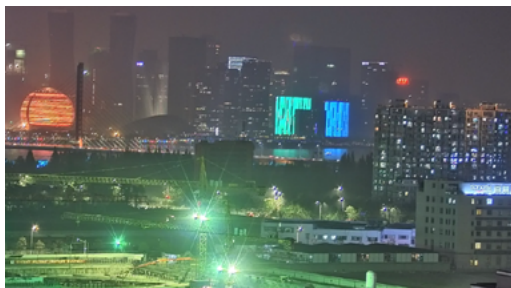
One sensor captures black and white images while the other captures color images. The two images then merge into one with full color and sufficient brightness.

** Note: only for DS-2DF8225IH-AEL(W) and DS-2DF8225I5H-AEL(W)*

2 4 MP DarkFighter



Conventional PTZ



4 MP DarkFighter PTZ

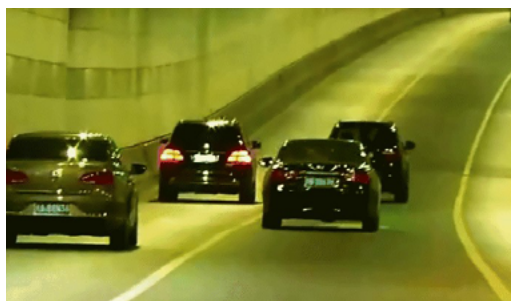
Outdoor low-light performance with 4 MP resolution

Sharper images with less noise to enhance outdoor surveillance.

3 OIS



OIS off



OIS on

Optical Image Stabilization

Equipped with gyroscopes, Optical Image Stabilization (OIS) lenses, and dedicated processors, Hikvision PTZ cameras can sense vibrations, then make quick and precise compensations to keep the video stable.

** Note: only for DS-2DF825015X-AEL(W), DS-2DF825018X-AEL(W)*

4 SUPER ZOOM



1x



6x

Zoom lens with unconventionally large focal length factors

Up to 50x optical zoom

** Note: only for DS-2DF825015X-AEL(W), DS-2DF825018X-AEL(W)*



27x



50x

5 4K

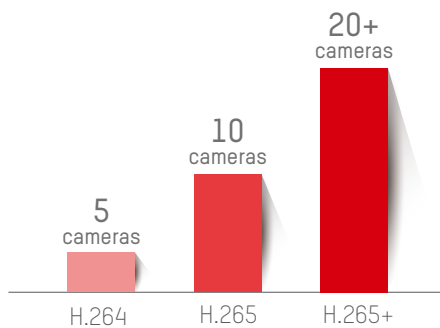
8 MP ultra-high definition



6 H.265+ CODEC

Most Efficient Use of Bandwidth

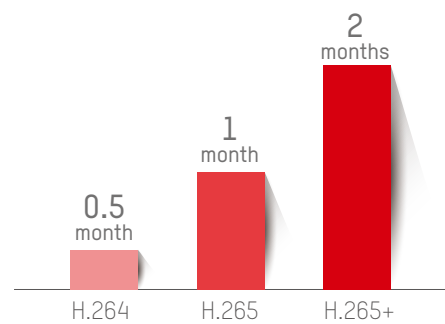
How many 2 MP cameras can be carried by a 20 Mbps broadband network?



20 Mbps broadband network

Most Efficient Use of Storage

How long can 5 TB of storage space last for eight 2 MP cameras?

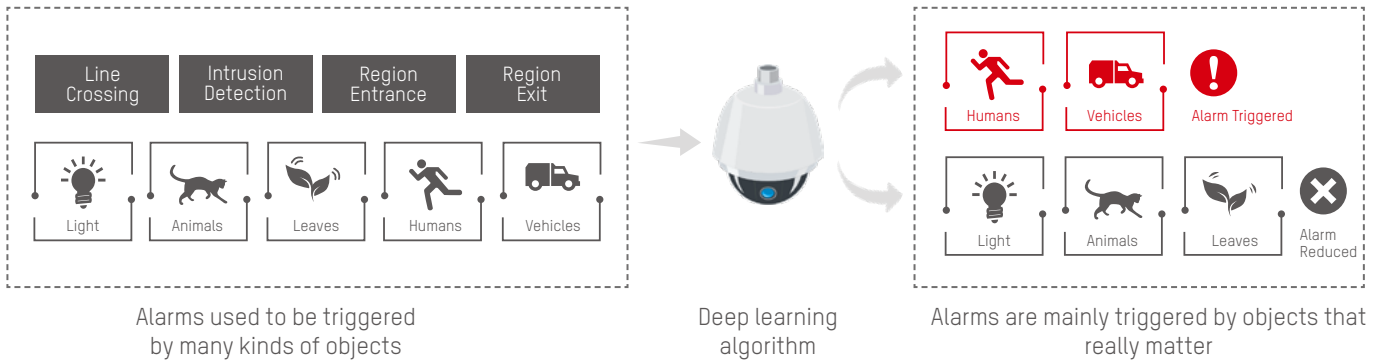


Eight 2 MP cameras
 5 TB of storage

7 EMBEDDED DEEP LEARNING ALGORITHM

False Alarm Reduction and Auto-Tracking 2.0

Deep learning algorithm reduces false alarms caused by non-target objects such as animals, leaves and light changes, greatly improving the accuracy of alarms and auto-tracking.



APPLICATION SCENARIOS



Squares



Harbors



Cities



Stadiums



Intersections



Airports



Schools



Parking lots



Warehouses

DarkFighterX



DS-2DF8225I5H-AEL(W)
2 MP 25x 500 m Laser
Network PTZ Dome

DarkFighterX+ 25x

- Dual-sensor, 1/2.8" Progressive Scan CMOS
- Up to 1920 × 1080 resolution
- Min. illumination:
 - Color: 0.0004 lux @ (F1.5, AGC ON)
 - B/W: 0.0001 lux @ (F1.5, AGC ON)
- 25× optical zoom, 16× digital zoom
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- 120 dB WDR, 3D DNR, HLC, BLC
- Up to 500 m laser distance
- 24 VAC & Hi-PoE
- Optical defog
- Wiper, optional
- IP67
- IK10 (without wiper)



DS-2DF8225IH-AEL(W)
2 MP 25x 200 m IR
Network PTZ Dome

DarkFighterX+ 25x

- Dual-sensor, 1/2.8" Progressive Scan CMOS
- Up to 1920 × 1080 resolution
- Min. illumination:
 - Color: 0.0004 lux @ (F1.5, AGC ON)
 - B/W: 0.0001 lux @ (F1.5, AGC ON)
- 25× optical zoom, 16× digital zoom
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- 120 dB WDR, 3D DNR, HLC, BLC
- Up to 200 m IR distance
- 24 VAC & Hi-PoE
- Optical defog
- Wiper, optional
- IP67
- IK10 (without wiper)

Super Zoom



DS-2DF8250I8X-AEL(W)
2 MP 50x 800 m Laser
Network PTZ Dome

50x

- 1/2.8" Progressive Scan CMOS
- Up to 1920 × 1080 resolution
- Min. illumination:
 - Color: 0.01 lux @ (F1.8, AGC ON)
 - B/W: 0.001 lux @ (F1.8, AGC ON)
- 50× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC, BLC
- Optical Image Stabilization
- Up to 800 m laser distance
- 24 VAC & Hi-PoE
- Optical defog
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IP67
- IK10 (without wiper)

4K



DS-2DF8250I5X-AEL(W)
2 MP 50x 500 m Laser
Network PTZ Dome

50x

- 1/2.8" Progressive Scan CMOS
- Up to 1920 × 1080 resolution
- Min. illumination:
 - Color: 0.01 lux @ (F1.8, AGC ON)
 - B/W: 0.001 lux @ (F1.8, AGC ON)
- 50× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC, BLC
- Optical Image Stabilization
- Up to 500 m laser distance
- 24 VAC & Hi-PoE
- Optical defog
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IP67
- IK10 (without wiper)



DS-2DF8836I5X-AEL(W)
8 MP 36x 500 m Laser
Network PTZ Dome

36x

- 2/3" progressive scan CMOS
- Up to 4096 × 2160 resolution
- Min. illumination:
 - Color: 0.005 lux @ (F1.5, AGC ON)
 - B/W: 0.0005 lux @ (F1.5, AGC ON)
- 36× optical zoom, 16× digital zoom
- Digital WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Optical defog
- Up to 500 m laser distance
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- Rapid focus
- IP67
- IK10 (without wiper)



DS-2DF8836I-AEL(W)
8 MP 36x 200 m IR
Network PTZ Dome

36x

- 2/3" progressive scan CMOS
- Up to 4096 × 2160 resolution
- Min. illumination:
 - Color: 0.005 lux @ (F1.5, AGC ON)
 - B/W: 0.0005 lux @ (F1.5, AGC ON)
- 36× optical zoom, 16× digital zoom
- Digital WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Optical defog
- Up to 200 m IR distance
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- Rapid focus
- IP67
- IK10 (without wiper)



DS-2DF8825I-AEL(W)
8 MP 25x 200 m IR
Network PTZ Dome

25x

- 2/3" progressive scan CMOS
- Up to 4096 × 2160 resolution
- Min. illumination:
 - Color: 0.005 lux @ (F1.5, AGC ON)
 - B/W: 0.0005 lux @ (F1.5, AGC ON)
- 25× optical zoom, 16× digital zoom
- Digital WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Optical defog
- Up to 200 m IR distance
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- Rapid focus
- IP67
- IK10 (without wiper)



DS-2DF6A836X-AEL
8 MP 36x Network PTZ
Dome

36x

- 2/3" progressive scan CMOS
- Up to 4096 × 2160 resolution
- Min. illumination:
 - Color: 0.005 lux @ (F1.5, AGC ON)
 - B/W: 0.0005 lux @ (F1.5, AGC ON)
- 36× optical zoom, 16× digital zoom
- Digital WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Optical defog
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- Rapid focus
- IP67, IK10



DS-2DF6A825X-AEL
8 MP 25x Network PTZ
Dome

25x

- 2/3" progressive scan CMOS
- Up to 4096 × 2160 resolution
- Min. illumination:
 - Color: 0.005 lux @ (F1.5, AGC ON)
 - B/W: 0.0005 lux @ (F1.5, AGC ON)
- 25× optical zoom, 16× digital zoom
- Digital WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Optical defog
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- Rapid focus
- IP67, IK10

PRODUCT SHOWCASE

4 MP DarkFighter



DS-2DF843615X-AEL(W)
4 MP 36x 500 m Laser
Network PTZ Dome

DarkFighter+ 36x

- 1/1.8" progressive scan CMOS
- Up to 2560 × 1440 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.5, AGC ON)
 - B/W: 0.0002 lux @ (F1.5, AGC ON)
- 36× optical zoom, 16× digital zoom
- WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Optical defog
- Up to 500 m laser distance
- H.265+/H.265 video compression
- Rapid focus
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IP67
- IK10 (without wiper)



DS-2DF84361X-AEL(W)
4 MP 36x 200 m IR
Network PTZ Dome

DarkFighter+ 36x

- 1/1.8" progressive scan CMOS
- Up to 2560 × 1440 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.5, AGC ON)
 - B/W: 0.0002 lux @ (F1.5, AGC ON)
- 36× optical zoom, 16× digital zoom
- WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Optical defog
- Up to 200 m IR distance
- H.265+/H.265 video compression
- Rapid focus
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IP67
- IK10 (without wiper)



DS-2DF825018X-AEL(W)
4 MP 25x 200 m IR
Network PTZ Dome

DarkFighter+ 25x

- 1/1.8" progressive scan CMOS
- Up to 2560 × 1440 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.5, AGC ON)
 - B/W: 0.0002 lux @ (F1.5, AGC ON)
- 25× optical zoom, 16× digital zoom
- WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Optical defog
- Up to 200 m IR distance
- H.265+/H.265 video compression
- Rapid focus
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IP67
- IK10 (without wiper)



DS-2DF6A436X-AEL
4 MP 36x Network PTZ
Dome

DarkFighter+ 36x

- 1/1.8" progressive scan CMOS
- Up to 2560 × 1440 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.5, AGC ON)
 - B/W: 0.0002 lux @ (F1.5, AGC ON)
- 36× optical zoom, 16× digital zoom
- WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Optical defog
- H.265+/H.265 video compression
- Rapid focus
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IP67, IK10



DS-2DF6A425X-AEL
4 MP 25x Network PTZ
Dome

DarkFighter+ 25x

- 1/1.8" progressive scan CMOS
- Up to 2560 × 1440 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.5, AGC ON)
 - B/W: 0.0002 lux @ (F1.5, AGC ON)
- 25× optical zoom, 16× digital zoom
- WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Optical defog
- H.265+/H.265 video compression
- Rapid focus
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IP67, IK10



DS-2DF823615X-AEL(W)
2 MP 36x 500 m Laser
Network PTZ Dome

DarkFighter+ 36x

- 1/1.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.5, AGC ON)
 - B/W: 0.0002 lux @ (F1.5, AGC ON)
- 36× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Optical defog
- Up to 500 m laser distance
- H.265+/H.265 video compression
- Rapid focus
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IP67
- IK10 (without wiper)



DS-2DF82361X-AEL(W)
2 MP 36x 200 m IR
Network PTZ Dome

DarkFighter+ 36x

- 1/1.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.5, AGC ON)
 - B/W: 0.0002 lux @ (F1.5, AGC ON)
- 36× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Optical defog
- Up to 200 m IR distance
- H.265+/H.265 video compression
- Rapid focus
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IP67
- IK10 (without wiper)



DS-2DF82251X-AEL(W)
2 MP 25x 200 m IR
Network PTZ Dome

DarkFighter+ 25x

- 1/1.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.5, AGC ON)
 - B/W: 0.0002 lux @ (F1.5, AGC ON)
- 25× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Optical defog
- Up to 200 m IR distance
- H.265+/H.265 video compression
- Rapid focus
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IP67
- IK10 (without wiper)



DS-2DF6A236X-AEL
2 MP 36x Network PTZ
Dome

DarkFighter+ 36x

- 1/1.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.5, AGC ON)
 - B/W: 0.0002 lux @ (F1.5, AGC ON)
- 36× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Optical defog
- H.265+/H.265 video compression
- Rapid focus
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IP67, IK10



DS-2DF6A225X-AEL
2 MP 25x Network PTZ Dome

DarkFighter+ 36x

- 1/1.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.5, AGC ON)
 - B/W: 0.0002 lux @ (F1.5, AGC ON)
- 25× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Optical defog
- H.265+/H.265 video compression
- Rapid focus
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IP67, IK10



DS-2DF7232IX-AEL(W)
2 MP 32x 200 m IR Network PTZ Dome

DarkFighter+ 32x

- 1/2.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.2, AGC ON)
 - B/W: 0.0002 lux @ (F1.2, AGC ON)
 - 0 lux with IR
- 32× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Up to 150 m IR distance
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- Rapid focus
- IP66



DS-2DF7225IX-AEL(W)
2 MP 25x 200 m IR Network PTZ Dome

DarkFighter+ 25x

- 1/2.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.2, AGC ON)
 - B/W: 0.0002 lux @ (F1.2, AGC ON)
 - 0 lux with IR
- 25× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Up to 150 m IR distance
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- Rapid focus
- IP66



DS-2DF6225X-AEL
2 MP 25x Network PTZ Dome

DarkFighter+ 36x

- 1/1.9" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.5, AGC ON)
 - B/W: 0.0002 lux @ (F1.5, AGC ON)
- 25× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC, Optical Defog
- 24 VAC & Hi-PoE
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection



DS-2DF5232X-AEL
2 MP 32x Network PTZ Dome

DarkFighter+ 32x

- 1/2.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.2, AGC ON)
 - B/W: 0.0002 lux @ (F1.2, AGC ON)
- 32× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC
- 24 VAC & Hi-PoE
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IK10, IP66



DS-2DF7225IX-AEL(W)
2 MP 32x Indoor Network PTZ Dome

DarkFighter+ 32x

- 1/2.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.2, AGC ON)
 - B/W: 0.0002 lux @ (F1.2, AGC ON)
- 32× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC
- 24 VAC & Hi-PoE
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IK10



DS-2DF5225X-AEL
2 MP 25x Network PTZ Dome

DarkFighter+ 25x

- 1/2.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.2, AGC ON)
 - B/W: 0.0002 lux @ (F1.2, AGC ON)
- 25× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC
- 24 VAC & Hi-PoE
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IK10, IP66

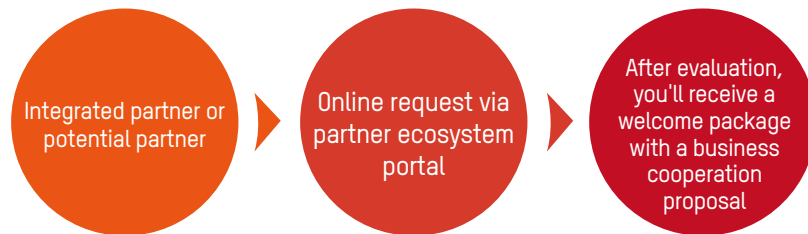


DS-2DF5225X-AEL3
2 MP 25x Indoor Network PTZ Dome

DarkFighter+ 25x

- 1/2.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. Illumination:
 - Color: 0.002 lux @ (F1.2, AGC ON)
 - B/W: 0.0002 lux @ (F1.2, AGC ON)
- 25× optical zoom, 16× digital zoom
- 120 dB WDR, 3D DNR, HLC
- 24 VAC & Hi-PoE
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IK10

PRODUCT COOPERATION PROPOSAL



With the official launch of Hikvision's Integration Partner Program, we are glad to offer an opportunity for extensive cooperation between Hikvision and its various partners. This effort will harness the power of combined networks to create a joint value proposition and gain the leading edge in the market.

When joining this program as a Hikvision Strategic Partner, you will enjoy access to a wealth of technical and commercial resources, and we will ensure that your solution enjoys strategic marketing through our communication channels. You will also get instant access to our entire sales organisation. A vital part of our program is streamlined online communication with our technical teams as well as the tools to plan the go-to-market activities.



Hikvision DarkFighterX Cameras have been officially released all around the world, and are project-ready from all of our distribution networks and branch offices, ensuring a quarantined logistic supply and local technical support.

In order to build a better joint value proposition with our DarkFighterX cameras, we will take the following integration approaches based on the partner's strengths:



GREAT INNOVATION
FROM DEEP INSIDE
A NEW GENERATION OF
DF SERIES PTZ CAMERAS



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**DEALER PARTNER
PROGRAMME**
CAPITALISING PROJECT
OPPORTUNITIES

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