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.
DF SERIES PTZ CAMERAS

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

- 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)
4 MP DarkFighter

Outdoor low-light performance with 4 MP resolution
Sharper images with less noise to enhance outdoor surveillance.

Conventional PTZ 4 MP DarkFighter PTZ

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.

OIS off OIS on

* Note: only for DS-2DF8250I5X-AEL(W), DS-2DF8250I8X-AEL(W)

SUPER ZOOM

Zoom lens with unconventionally large focal length factors
Up to 50x optical zoom

1x 6x

27x 50x

* Note: only for DS-2DF8250I5X-AEL(W), DS-2DF8250I8X-AEL(W)
4K

8 MP ultra-high definition

H.265+ CODEC

Most Efficient Use of Bandwidth

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

<table>
<thead>
<tr>
<th>Cameras</th>
<th>H.264</th>
<th>H.265</th>
<th>H.265+</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20+</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Most Efficient Use of Storage

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

<table>
<thead>
<tr>
<th>Storage</th>
<th>H.264</th>
<th>H.265</th>
<th>H.265+</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5 month</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 month</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 months</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

20 Mbps broadband network

Eight 2 MP cameras

5 TB of storage
7 EMBEDDED DEEP LEARNING ALGORITHM

False Alarm Filter and Auto-Tracking 2.0

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

APPLICATION SCENARIOS

- Squares
- Harbors
- Cities
- Stadiums
- Intersections
- Airports
- Schools
- Parking lots
- Warehouses
PRODUCT SHOWCASE

DarkFighterX

- Dual-sensor, 1/2.8" Progressive Scan CMOS
- Up to 1920 x 1080 resolution
- Min. illumination:
  - Color: 0.0004 lux @ (F1.5, AGC ON)
  - B/W: 0.0001 lux @ (F1.5, AGC ON)
- 25x optical zoom, 16x 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
- 24x WAC & Hi-PoE
- Optical defog
- Wiper, optional
- IP67
- IK10 (without wiper)

- [Image]

Super Zoom

- 2/3" progressive scan CMOS
- Up to 4096 x 2160 resolution
- Min. illumination:
  - Color: 0.005 lux @ (F1.5, AGC ON)
  - B/W: 0.0005 lux @ (F1.5, AGC ON)
- 36x optical zoom, 16x digital zoom
- Digital WDR, 3D DINR, HLC, Smart IR
- 24x WAC & Hi-PoE
- Optical defog
- Wiper, optional
- IP67
- IK10 (without wiper)

- [Image]
PRODUCT SHOWCASE

4 MP Darkfighter

- 1/1.8” progressive scan CMOS
- Up to 2560 x 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 2560 x 1440 resolution
- H.265+ / H.265 video compression
- 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)

- 4 MP 36x 500 m Laser Network PTZ Dome
- DS-2DF8436I5X-AEL(W)

- 4 MP 36x 200 m IR Network PTZ Dome
- DS-2DF8436I5X-AEL(W)

- 4 MP 36x 500 m IR Network PTZ Dome
- DS-2DF8250I8X-AEL(W)

- 4 MP 25x 200 m IR Network PTZ Dome
- DS-2DF8250I8X-AEL(W)

2 MP Darkfighter

- 1/1.8” progressive scan CMOS
- Up to 1920 x 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
- 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)

- 2 MP 36x 500 m Laser Network PTZ Dome
- DS-2DF8236I8X-AEL(W)

- 2 MP 36x 500 m Laser Network PTZ Dome
- DS-2DF6A236X-AEL

- 2 MP 36x 200 m IR Network PTZ Dome
- DS-2DF8225I5X-AEL(W)

- 2 MP 36x 200 m IR Network PTZ Dome
- DS-2DF6A236X-AEL

- 2 MP 36x 200 m IR Network PTZ Dome
- DS-2DF8225I5X-AEL(W)
PRODUCT SHOWCASE

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

- 1/2.8” 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)
- 25x optical zoom, 16x 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
- IP67, IK10

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

- 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)
- 25x optical zoom, 16x 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
- IK10

**DS-2DF7225X-AEL(W)**
2 MP 25x 200 m IR Network PTZ Dome

- 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)
- 25x optical zoom, 16x digital zoom
- 120 dB WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- Rapid focus
- IP66

**DS-2DF7225X-AEL(W)**
2 MP 32x 200 m IR Network PTZ Dome

- 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)
- 25x optical zoom, 16x digital zoom
- 120 dB WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- Rapid focus
- IP66

**DS-2DF7225X-AEL(W)**
2 MP 32x Indoor Network PTZ Dome

- 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)
- 32x optical zoom, 16x 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
- IK10, IP66

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

- 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)
- 25x optical zoom, 16x digital zoom
- 120 dB WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Optical Defog
- H.265+/H.265 video compression
- Rapid focus

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

- 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)
- 32x optical zoom, 16x digital zoom
- 120 dB 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
- IK10

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

- 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)
- 25x optical zoom, 16x 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
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.

Marketing

• Partner application recommendation on Hikvision global network
• Co-exhibition opportunities
• Co-branded success stories
• Global press releases
• Social media exposure
• Branding opportunities
• Hikvision product materials

Technical Support

• Qualified integration service
• Dedicated integration development support
• Integration priority service
• Targeted product & cooperation value proposal
• In-depth training

Business Development

• Regular local networking opportunities
• Dedicated partner management
• Project-sharing possibilities

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:

• Partner application recommendation on Hikvision global network
• Co-exhibition opportunities
• Co-branded success stories
• Global press releases
• Social media exposure
• Branding opportunities
• Hikvision product materials

• Qualified integration service
• Dedicated integration development support
• Integration priority service
• Targeted product & cooperation value proposal
• In-depth training

• Regular local networking opportunities
• Dedicated partner management
• Project-sharing possibilities

A specified partner application that we’ll promote in dedicated areas
GREAT INNOVATION
FROM DEEP INSIDE
A NEW GENERATION OF
DF SERIES PTZ CAMERAS

Headquarters
No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-310-896-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-6233
salesau@hikvision.com

Hikvision India
T +91-22-29469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-290-6890
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0436-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 (216)521 7070-7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +4420-3071-0140
sales.uk@hikvision.com

Hikvision Ukraine
T +3801-4432090
sales.uk@hikvision.com

Hikvision Singapore
T +65-6546-4718
sg@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730627
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
salesru@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2953758
sales.indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com

Follow us on social media to get the latest product and solution information

Distributed by

Hikvision
www.hikvision.com