VIVID COLORS, ALL DAY, ALL NIGHT
Using Dual-Sensor Imaging to Provide Full Color Images

HIKVISION DarkFighterX CAMERAS
WHAT IS DarkFighterX?

WHAT MAKES DarkFighterX SO POWERFUL?

IMAGING PERFORMANCE OF DarkFighterX

BUSINESS OPPORTUNITIES

APPLICATION SCENARIOS

PRODUCT SHOWCASE

RELATED PRODUCTS
### What is DarkFighterX?

Of all known crimes, 70% happen at night, hidden under cover of darkness. Yet even in the dark, Hikvision technology continually captures information about suspects and vehicles, such as facial features, height and clothing of suspects, as well as license plate number, vehicle color and type. Until 2012, infrared light is used to improve imaging in low-light environments. Then, in 2013, Hikvision launched its DarkFighter Series Cameras. Since that time, Hikvision has been overcoming challenges to improve image brightness, reduce noise, and enhance color rendition. The result is Hikvision’s ultra-low-light cameras—the DarkFighterX Series, delivering amazing brightness and vivid colors along with extremely sharp, clear images.

### What Makes DarkFighterX So Powerful?

Based on the retinal imaging that human eyes use to process color and brightness, the DarkFighterX Series Cameras feature an innovative dual-sensor design, one sensor for IR imaging that guarantees image brightness, and the other sensor for visible light that guarantees vivid colors. These signals are then combined into BRIGHT FULL-COLOR imagery in ultra-low light.

<table>
<thead>
<tr>
<th>Conventional Camera</th>
<th>DarkFighter Camera</th>
<th>DarkFighterX Camera</th>
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</thead>
<tbody>
<tr>
<td>Normal color reproduction and image brightness</td>
<td>• 1/4” sensor</td>
<td>• Two 1/2” sensors</td>
</tr>
<tr>
<td></td>
<td>• Improved brightness and color</td>
<td>• Excellent brightness and color for extremely clear imagery</td>
</tr>
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</table>

**Sensors**
- Patented design, one sensor for IR light, one sensor for visible light

**Lens**
- Only one lens for two kinds of light, IR and visible light

**Spectrums**
- Patented Bi-Spectrum Image Fusing technology fuses IR and visible light to get colorful and bright imagery

**35X Optical Zoom**
- 36x optical zoom

**Excellent Performance**
- Captures clear, bright, and colorful images at night

**Extreme Low Bitrate and Storage**
- Supports H.265+ compression for more efficient bitrate and storage
IMAGING PERFORMANCE OF DarkFighterX

**Indoor**

At night, DarkFighterX renders outdoor images that are as bright as day.

**Outdoor**

Sharper images with no blurring to enhance indoor surveillance.

BUSINESS OPPORTUNITIES

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 organization. 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.

BUSINESS OPPORTUNITIES

**Integrated partner or potential partner**

- Online request via partner ecosystem portal
- After evaluation, you’ll receive a welcome package with a business cooperation proposal

**MARKETING**

- Partner application recommendation on Hikvision global networks
- Co-branding opportunities
- Co-branded success stories
- Global press releases
- Social media exposure
- Branding opportunities
- Hikvision product awareness

**TECHNICAL SUPPORT**

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

**BUSINESS DEVELOPMENT**

- Qualified integration service
- Dedicated integration development support
- Integrated priority service
- Targeted product & cooperation value proposal
- In-depth training
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 integration approaches based on the partner’s strengths.

**APPLICATION SCENARIOS**

The DarkFighterX Series Cameras can be used in a wide range of scenarios where high-definition colorful images are required, such as streets, forests, railways, airports, and parks.

- Video, alarm, on-board VCA
- ISAPI + HCNetSDK
- Partner’s platform
- A specified partner application that we’ll promote in dedicated areas
### DEVICES MODEL FUNCTIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Functions</th>
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</thead>
<tbody>
<tr>
<td>NVR</td>
<td>Preview, storage, playback, parameter configuration</td>
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<tr>
<td>VMS</td>
<td>Preview, storage, CVR playback</td>
</tr>
<tr>
<td>Conventional Decoder</td>
<td>Preview, decode and display on wall</td>
</tr>
<tr>
<td>iVMS 4200</td>
<td>Preview, storage, playback, parameter configuration</td>
</tr>
</tbody>
</table>

### RELATED PRODUCTS

<table>
<thead>
<tr>
<th>Model</th>
<th>Functions</th>
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<tr>
<td>PTZ bracket</td>
<td>DS-16032J-P and DS-16032J-P, wall mount</td>
</tr>
<tr>
<td>Pole-P</td>
<td>DS-16032J-Pole-P, vertical pole mount</td>
</tr>
<tr>
<td>Pendant</td>
<td>DS-1611J-P, pendant mount</td>
</tr>
</tbody>
</table>

### ACCESSORIES

- **PTZ bracket**: DS-1293ZJ, wall mount
- **Bulb bracket**: DS-1668ZJ(20)-P, pendant mount

### DEVICE SPECIFICATIONS

**DS-2CD2555F-1A**
- **Sensor**: 1/3" progressive scan CMOS
- **Image Output**: Full-color image output
- **Res. (HD)**: 1080p @ 25/30fps
- **IR Distance**: 50m
- **IR Off**: 160db WDR, 3D DNR, HLC, BLC, EIS, Chromatic Defog
- **Weatherproof**: IP66
- **Temperature**: -40°C to +60°C

**DS-2DF8225IH-AEL**
- **Sensor**: 1/1.8" progressive scan CMOS
- **Image Output**: Full-color image output
- **Res. (HD)**: 2688 × 1512 @ 25fps
- **IR Distance**: 50m
- **IR Off**: 120 dB WDR, 3D DNR, HLC, BLC, EIS, Chromatic Defog
- **Weatherproof**: IP67
- **Temperature**: -40°C to +60°C

**DS-2CD5028FWD-E-IRA**
- **Sensor**: 1/2.8" progressive scan CMOS
- **Image Output**: Full-color image output
- **Res. (HD)**: 1920 × 1080 @ 30fps
- **IR Distance**: Up to 100m IR range
- **Weatherproof**: IP67
- **Temperature**: -40°C to +60°C

**DS-2DF9C435IH-DLW**
- **Sensor**: 1/2.8" progressive scan CMOS
- **Image Output**: Full-color image output
- **Res. (HD)**: 1920 × 1080 @ 30fps
- **IR Distance**: Up to 100m IR range
- **Weatherproof**: IP67
- **Temperature**: -40°C to +60°C
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