IN BRIGHT COLOR, ALL DAY, ALL NIGHT.
USING DUAL-SENSOR IMAGING TO PROVIDE FULL COLOUR IMAGES
DarkFighterX CAMERAS

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www.hikvision.com
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**BACKGROUND AND DEVELOPMENT**

**MOST CRIMES HAPPEN AT NIGHT**

70% of crimes happen at night. Hikvision strives to get ever more effective information about suspects and vehicles, such as: facial features, height and clothing colour of a suspect; and plate number, colour and brand of a vehicle. Before 2013, 1st Generation traditional cameras used IR to improve the picture in low-light environments. In 2013, Hikvision launched 2nd Generation cameras – the DarkFighter series. Since then, we have been working on the challenges of improving image brightness, reducing noise and enhancing colour rendition. And we came up with the new 3rd Generation - DarkFighterX, which delivers excellent brightness and colour, giving extremely clear, clean images!

**DARKFIGHTERX IS HERE**

Hikvision's DarkFighterX series is based on the retinal imaging that eyes independently use to process colour and brightness. This series has innovative dual-sensor design, one sensor for IR imaging that guarantees image brightness, the other sensor for visible light that guarantees vivid colour. And then these are combined into ONE FULL-COLOUR image.

![Diagram of camera generations](image)

- **DarkFighterX Camera**
  - 3rd Generation DarkfighterX
  - Normal colour restoration and image brightness
- **2nd Generation Darkfighter**
  - Improved brightness and colour
- **1st Generation Traditional Camera**
  - Normal colour restoration and image brightness
  - Excellent brightness and colour for an extremely clear, clean image
TECHNICAL ESSENTIALS

BI-SPECTRAL FUSION TECHNOLOGY

Visible Light

IR light

A REVOLUTIONARY TECHNOLOGY FOR ULTRA-LOW LIGHT ENVIRONMENT

2X SENSORS
A patented design, one sensor for IR light, one sensor for visible light

25X OPTICAL ZOOM
Up to 25x optical zoom, so you never miss any details

1X LENS
Only one lens for two kinds of light, IR and visible light

EXCELLENT PERFORMANCE
Delivering excellent clear, bright and colourful images at night

2X Spectrum
Patented Bi-Spectral fusion technology fuses IR and visible light to get a colourful and bright image

EXTREME LOW BITRATE AND STORAGE
Supports H.265+ compression for a low bitrate and storage
PERFORMANCE

INDOOR IMAGE PERFORMANCE
Sharper images with no blurring to enhance indoor surveillance.

OUTDOOR PERFORMANCE
DarkFighterX delivers outdoor images that are as bright as day.
<h1>SHOWCASE</h1><h2>DARKFIGHTERX SERIES</h2>

<table>
<thead>
<tr>
<th>Model</th>
<th>DS-2DF8225I-H-AEL, DS-2CD5028FWD/E-IRA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>One lens design</td>
</tr>
<tr>
<td>Colour at 0.001 Lux</td>
<td>25x Optical Zoom</td>
</tr>
<tr>
<td>IP66 Weather proof</td>
<td>200m/100m IR distance</td>
</tr>
</tbody>
</table>

Support H.265+/H.265/H.264 compression, Compatible with the current systems

TURN NIGHT INTO COLOURFUL DAY!

<h2>RELATED PRODUCT</h2>

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

| Accessories | PTZ bracket | DS-1602ZZJ-P, Wall Mount Bracket DS-1661ZJ-P, Pendant Mount Bracket |
|             | Bullet bracket | DS-1293ZJ, Wall Mount Bracket DS-1269ZJ, Pendant Mount Bracket |
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 technology partners. This effort would harness the power of combining their networks to create a co-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 co-value proposition with our DarkfighterX cameras, we will take the following integration approaches based on the partner’s strengths:

**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

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**Marketing**
- Video, alarm, on-board VCAs
- ISAPI + HCNetSDK
- Partner’s platform
- A specified partner application that we’ll promote in dedicated areas
APPLICATION SCENARIO

The DarkFighterX series cameras can be widely used for wide ranges of high-definition, especially where needs 24h color-full images, such as street, the rivers, forests, roads, railways, ports, squares, parks, etc.