IN BRIGHT COLOR,
ALL DAY, ALL NIGHT.

USING DUAL-SENSOR IMAGING TO
PROVIDE FULL COLOUR IMAGES
DarkFighterX CAMERAS

Distributed by

HIKVISION®

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

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

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

Hikvision Indonesia
T +62-21-2933759
Sales.lndonesia@hikvision.com

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

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

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

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@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 Colombia
sales.colombia@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

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

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

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

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

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

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www.hikvision.com

DarkFighterX

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DarkFighterX CAMERAS
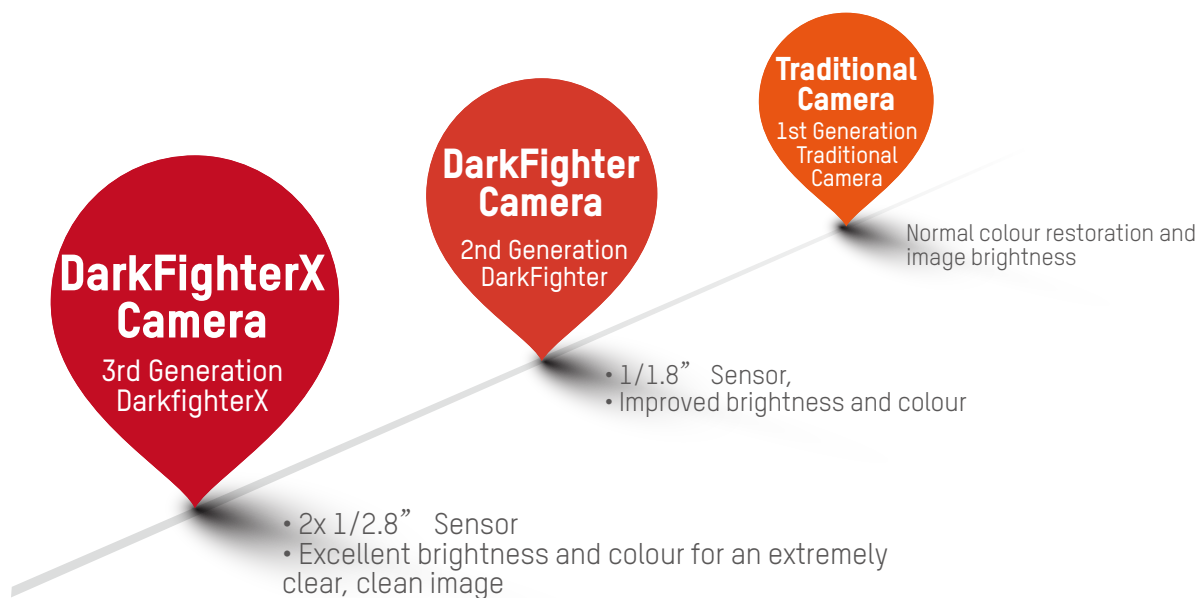
1 BACKGROUND AND DEVELOPMENT

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 combines into ONE FULL-COLOUR image.

DarkFighterX Camera
3rd Generation DarkfighterX

DarkFighter Camera
2nd Generation DarkFighter

Traditional Camera
1st Generation Traditional Camera

Normal colour restoration and image brightness

• 1/1.8" Sensor,
• Improved brightness and colour

• 2x 1/2.8" Sensor
• Excellent brightness and colour for an extremely clear, clean image

2 TECHNICAL ESSENTIALS

BI-SPECTRAL FUSION TECHNOLOGY

Visible Light
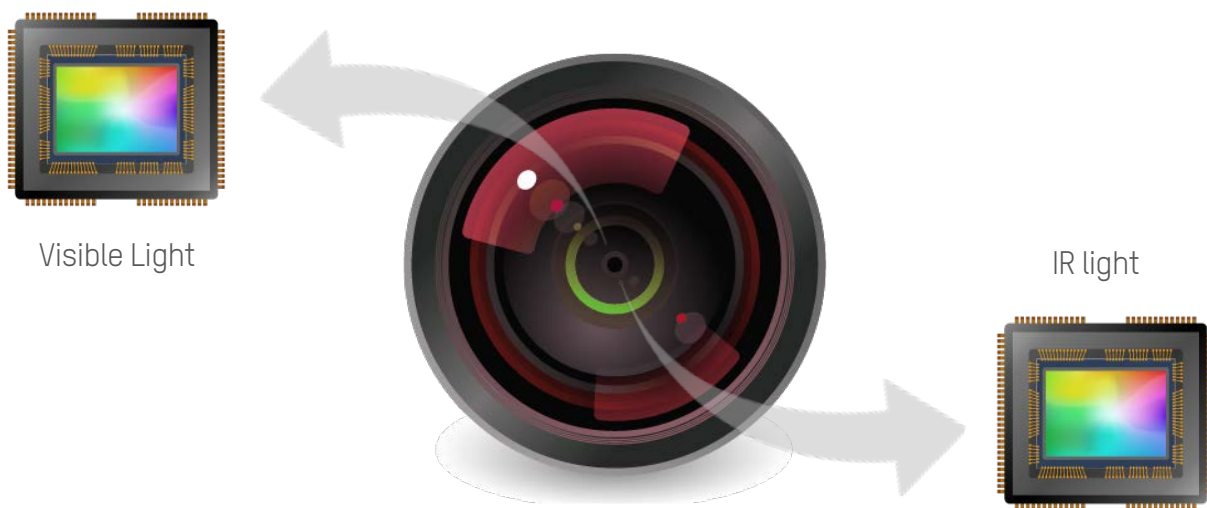
IR light

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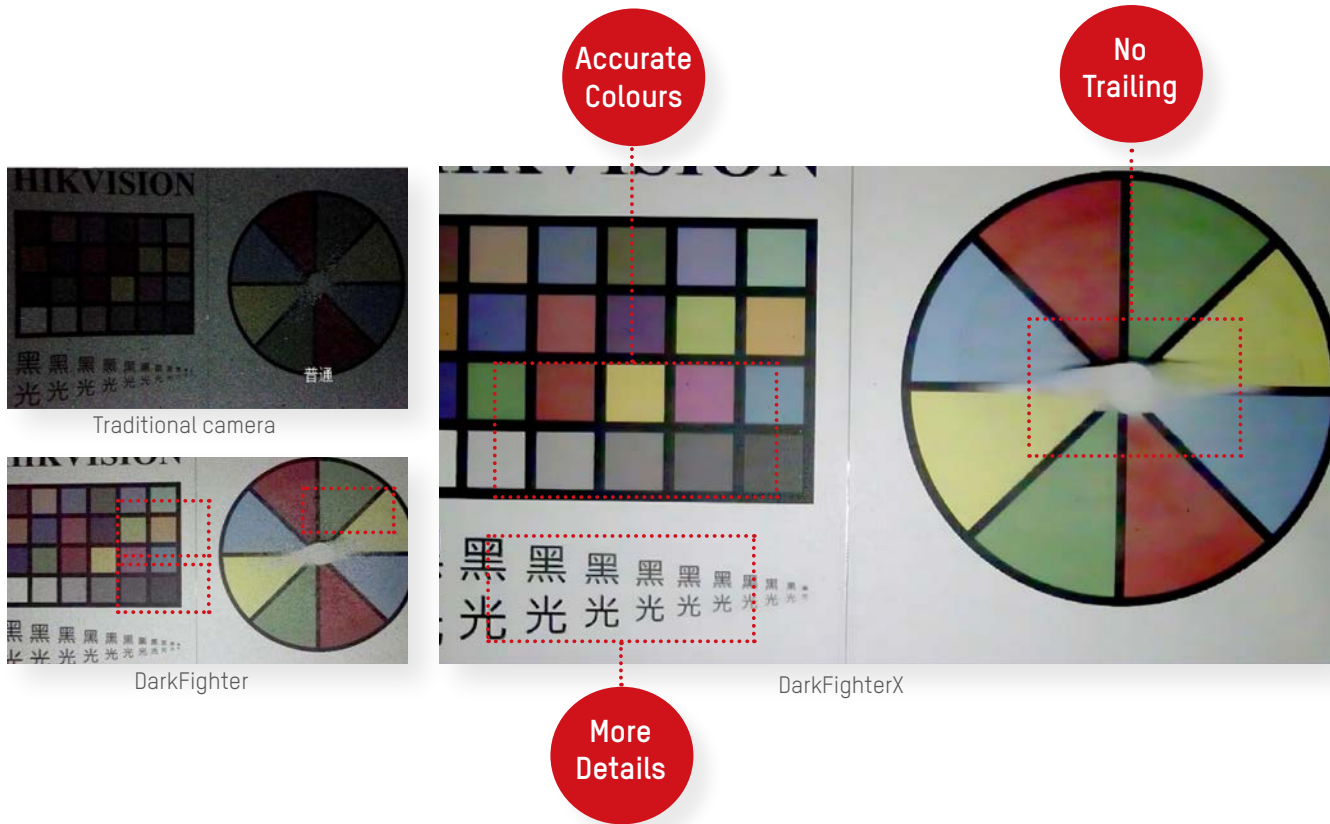
EXTREME LOW BITRATE AND STORAGE
Supports H.265+ compression for a low bitrate and storage

Sensors

Zoom

Lenses

Image

Spectrums

Bitrate
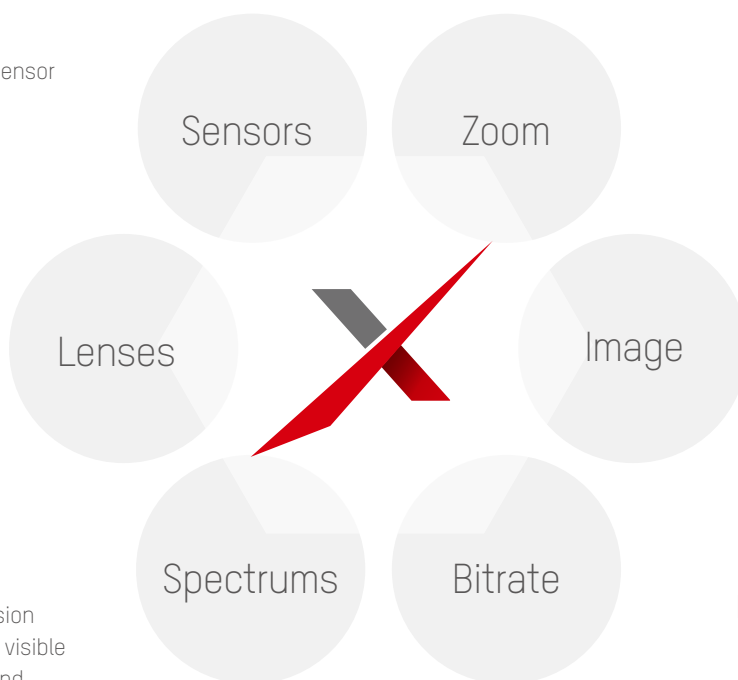
DarkFighterX

3 PERFORMANCE

INDOOR IMAGE PERFORMANCE

Sharper images with no blurring to enhance indoor surveillance.

Accurate Colours

No Trailing

Traditional camera

DarkFighter

DarkFighterX

More Details

OUTDOOR PERFORMANCE

DarkFighterX delivers outdoor images that are as bright as day.

Traditional camera

DarkFighter

DarkFighterX
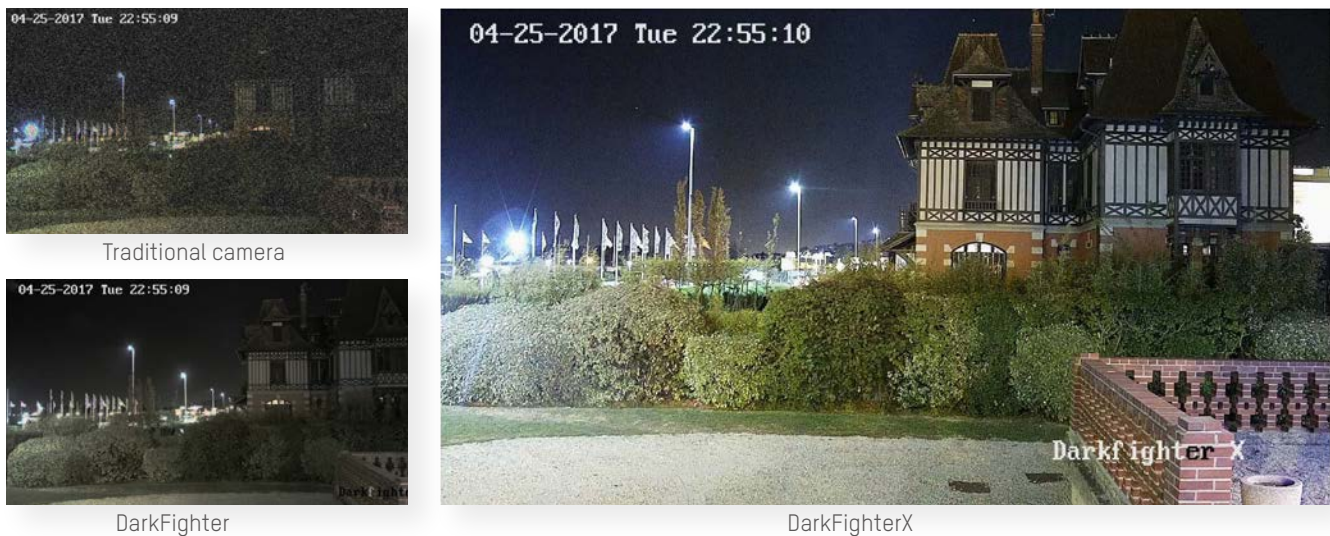
DarkFighterX

▟ SHOWCASE

DARKFIGHTERX SERIES

Model	DS-2DF8225IH-AEL, DS-2CD5028FWD/E-IRA		
	One lens design	Dual Sensor design	24h full-colour image
	Colour at 0.001Lux	25x Optical Zoom	2MP resolution
	IP66 Weather proof	200m/100m IR distance	Auto tracking (PTZ) Smart detection
	Support H.265+/H.265/H.264 compression, Compatible with the current systems		

TURN NIGHT INTO COLOURFUL DAY!

RELATED PRODUCT

Device	Model	Function
NVR VMS	Normal NVR	Preview, storage, playback, parameter configuration
	Normal CVR	Preview, storage, CVR playback
	Normal Decoder	Preview, decode and display on wall
	iVMS 4200	Preview, storage, playback, parameter configuration
Accessories	PTZ bracket	DS-1602ZJ-P, Wall Mount Bracket DS-1661ZJ-P, Pendant Mount Bracket
	Bullet bracket	DS-1293ZJ, Wall Mount Bracket DS-1269ZJ, Pendant Mount Bracket

5 PRODUCT COOPERATION PROPOSAL

HIKVISION
STRATEGIC PARTNER
Technology Partner Program

Integrated partner or potential partner →

Online request via partner ecosystem portal →

After an evaluation, a welcome package will be sent out with related business cooperation proposal
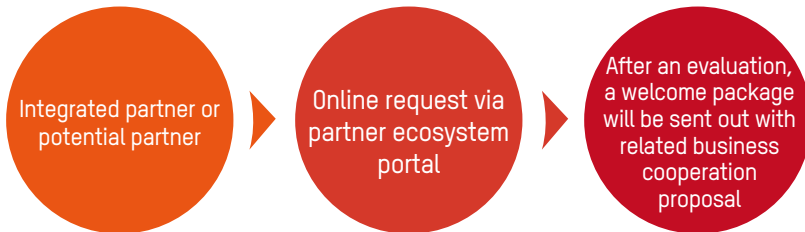
With the official launch of Hikvision's Integration Partner Program, we are glad to offer an opportunity for extensive cooperation between Hikvision and its technology partners. This effort would harness the power of combining their networks to create a co-value proposition and gain the leading edge 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.

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
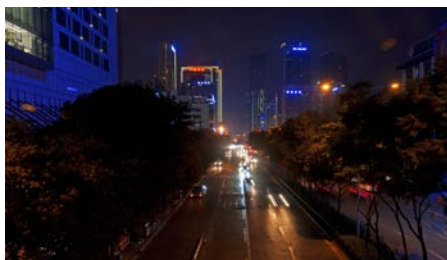- Project-sharing possibilities

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 co-value proposition with our DarkfighterX cameras, we will take the following integration approaches based on the partner's strengths:

DarkFighter X cameras →

Video, alarm, on-board VCAs →

ISAPI + HCNetSDK →

Partner's platform →

A specified partner application that we'll promote in dedicated areas

6 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.

Street

Square

Forest