

**DarkFighter**
**NEW!**

# DF8 SERIES 42X DARKFIGHTER IR PTZ CAMERAS

Precise Broad Area Surveillance for Demanding Environments



Hikvision DF8 Series PTZ Speed Dome Cameras have had a comprehensive upgrade! For the first time in the industry, the DF8 PTZ Camera adopts a 1/1.2-inch sensor with 4K resolution and 42x optical zoom lens to enable wide area surveillance with crystal clear images.

Ideal for broad area surveillance in different lighting conditions, the camera uniquely provides:

- Robust stability and image clarity using Gyroscope Image Stabilization to help you see clearly during strong winds or shaky environments.
- Intelligent Rapid Focus function to position the camera rapidly and accurately on a target, helping to capture critical forensic evidence by preventing zoom delays.
- Long term reliability with performance in low temperatures, fog, or harsh weather, always ensuring high quality imagery.



## KEY BENEFITS



**Higher WDR**  
140 dB true WDR  
(4 MP models only)



**Glass Heater**  
Prevents lens fogging  
and ensures clear  
imagery



**4K DarkFighter**  
Outstanding clarity in  
darkness



**Max 60W PoE Power  
Supply**  
24 VAC and Hi-PoE



**Excellent Night View**  
Industry's first PTZ  
with 1/1.2-inch sensor



**Gyroscope Image  
Stabilization (GIS)**  
Guarantees image  
stability and clarity



**False Alarm  
Reduction**  
Deep learning  
algorithm identifies  
humans, vehicles, and  
other objects

## LARGER SENSOR 1-1/2"



Providing 8 MP DarkFighter

**DarkFighter**

## GYROSCOPE IMAGE STABILIZATION (GIS)

Robust image stability and clarity using Gyroscope Image Stabilization to produce clear images when the environment has strong winds or other instability.

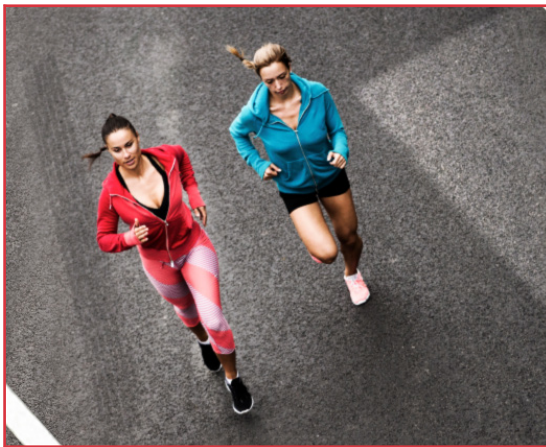


EIS (Electronic Image Stabilization) Only



EIS with Built-In Gyroscope

## 42X LARGE ZOOM RATIO



## GLASS HEATER

The glass heater protects the PTZ from low temperatures and fog, ensuring precise imaging in harsh weather conditions.

Stabilizes the temperature of the PTZ and extends the lifetime of components.

Heats the glass to prevent fog and condensation.



## APPLICATION EXAMPLES

The DF8 Series cameras are well-suited for broad area surveillance in applications such as rivers and forests, roads, railways, airports, ports, city parks and squares, scenic areas, stations, large venues, and more.



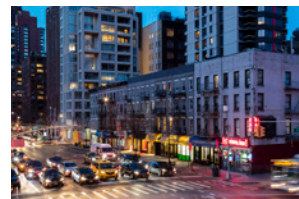
Warehouses



Schools



Parking lots



Intersections



Wide Outdoor Isolated Areas



Business Parks



Construction Sites

## PRODUCT SHOWCASE

|                          | DS-2DF8C842IXS-AELW                                                                 | DS-2DF8442IXS-AELW                                                                   | DS-2DF8242IX-AELW                                                                     |
|--------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>APPEARANCE</b>        |  |  |  |
| <b>SENSOR</b>            | 1/1.2" progressive scan CMOS                                                        | 1/1.8" progressive scan CMOS                                                         | 1/1.8" progressive scan CMOS                                                          |
| <b>IMAGE QUALITY</b>     | 8 MP DarkFighter                                                                    | 4 MP DarkFighter                                                                     | 2 MP @ 60 fps DarkFighter                                                             |
| <b>42X OPTIONAL ZOOM</b> | Yes                                                                                 | Yes                                                                                  | Yes                                                                                   |
| <b>WDR</b>               | 120DB                                                                               | 140DB                                                                                | 140DB                                                                                 |
| <b>IR</b>                | 1640 ft. (500 m)                                                                    | 1640ft. (500 m)                                                                      | 1312 ft. (400 m)                                                                      |
| <b>RAPID FOCUS</b>       | Yes                                                                                 | Yes                                                                                  | Yes                                                                                   |
| <b>OPTICAL DEFOG</b>     | Yes                                                                                 | Yes                                                                                  | Yes                                                                                   |
| <b>GIS</b>               | Yes                                                                                 | Yes                                                                                  | Yes                                                                                   |
| <b>HEATER/WIPER</b>      | Yes: Built-in glass heater, Wiper with rain-sensing auto control                    | Yes: Heater and Wiper                                                                | Yes: Heater and Wiper                                                                 |
| <b>POWER</b>             | 24 VAC and Hi-PoE (PoE Injector included)                                           | 24 VAC and Hi-PoE (PoE Injector included)                                            | 24 VAC and Hi-PoE (PoE Injector included)                                             |

FOCUSED ON YOUR SUCCESS

**HIKVISION**

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