

DS-2CD5028G0/E-HI5

DarkfighterX 2 MP Outdoor Smart Camera

DarkFighterX



- Dual-Sensor, 1/2.8" Progressive Scan CMOS
- Up to 1920 x 1080 Resolution @ 30 fps
- Up to 330 ft (100m) IR Range
- Full-Color Image Output
- H.265, H.264
- 1 RS-485, 2 Alarm I/O, 1 Audio I/O
- IP66 Protection
- 240 VAC, 35 W (without Heater), 43 W (with Heater)

Hikvision DS-2CD5028G0/E-HI5 DarkfighterX 2 MP Outdoor Smart Camera produce images with a resolution of up to 1920 x 1080 pixels.

Most importantly, the camera features dual-sensor 1/2.8" progressive scan CMOS technology that processes color and brightness independently, and produces one full-color image output.

This Camera also features a wide range of smart functions, including intrusion detection, line crossing detection, and audio exception, which allows for key events and objects to be recorded for further forensic needs.

Available models:
DS-2CD5028G0/E-HI5



Specifications

DS-2CD502860/E-Hi5

Camera

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|-------------------------|--|
| Image Sensor | Dual-sensor, 1/2.8" progressive scan CMOS |
| Minimum Illumination | Color: 0.001 lux @(F1.5, AGC ON); B/W: 0.0001 Lux @(F1.5, AGC ON), 0 lux with IR |
| Shutter Speed | 1 to 1/30,000 s |
| Slow Shutter | Supported |
| Auto-Iris | DC drive |
| Day and Night | IR cut filter |
| Digital Noise Reduction | 3D DNR |
| WDR | 120 dB |

Lens

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|--------------|---|
| Focal Length | 5 to 50 mm |
| Aperture | F1.5 to F2.9 |
| FOV | Horizontal field of view: 60.5° to 6.3°; vertical field of view: 34.9° to 3.54°; diagonal field of view: 68.3° to 7.3 |

IR

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|------------|----------------------|
| IR Range | Up to 330 ft (100 m) |
| Wavelength | 850 nm |

Compression Standard

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|-------------------|--|
| Video Compression | Main stream: H.265 / H.264; sub stream: H.265 / H.264 / MJPEG; third stream: H.265 / H.264 |
| H.264 Type | Baseline Profile / Main Profile / High Profile |
| H.265 Type | Main Profile |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| Audio Compression | G.711 / G.722.1 / G.726 / MP2L2 / PCM |
| Audio Bit Rate | 64 Kbps [G.711] / 16 Kbps [G.722.1] / 16 Kbps [G.726] / 32 to 192 Kbps [MP2L2] |

Smart Features

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|---------------------|---|
| Behavior Analysis | Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection |
| Exception Detection | Scene change detection, audio exception detection, defocus detection |
| Face Detection | Supported |
| Statistics | Counting |
| Region of Interest | Supports 4 fixed regions for each stream |

Image

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|-----------------------------------|--|
| Maximum Resolution | 1920 x 1080 |
| Main Stream (Maximum Frame Rate) | 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) |
| Sub Stream (Maximum FrameRate) | 50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288); 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240) |
| Third Stream (Maximum Frame Rate) | 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) |
| Image Enhancement | BLC / 3D DNR / Defog |
| Image Setting | Rotate mode, saturation, brightness, contrast, and sharpness are adjustable by client software or web browser |
| Target Cropping | Supported |
| Day / Night Switch | Day / night / auto / scheduled |
| Picture Overlay | LOGO picture can be overlaid on video with 128 × 128 24bit bmp format |

Network

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|------------------------|--|
| Network Storage | Supports microSD / SDHC / SDXC card (128G), local storage, NAS (NFS,SMB/CIFS),and ANR |
| Alarm Trigger | Motion detection, video tampering alarm, network disconnected, IP address conflict, HDD full, HDD error |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour |
| General Function | One-key reset, anti-flicker, three streams, mirror, heartbeat, password protection, privacy mask, watermark, IP address filter |
| API | ONVIF (PROFILE S, PROFILE G), CGI, ISAPI |
| Simultaneous Live View | Up to 8 channels |
| User/Host | Up to 32 users; 3 levels: administrator, operator and user |
| Client | iVMS-4200 |
| Web Browser | IE8+, Chrome31-44, Firefox 30.0 - 51 |

Interface

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|-------------------------|---|
| Audio | 1-ch 3.5 mm input (line in), 1-ch 3.5mm output (line out) |
| Communication Interface | 1 RJ45 10M/100M Ethernet port; 1 RS-485 interface |
| Alarm | 2 inputs, 2 outputs |
| Video Output | CVBS |
| On-Board Storage | Built-in microSD / SDHC / SDXC slot, up to 128 GB |
| Reset Button | Yes |

Audio

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|-----------------------------|-------------------------------------|
| Environment Noise Filtering | Supported |
| Audio Sampling Rate | 16 kHz / 32 kHz / 44.1 kHz / 48 kHz |

General

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|-------------------------------|--|
| Operating Conditions | -40° F to 140° F (-40° C to 60° C), humidity 95% or less (non-condensing) |
| Power Supply | 24 VAC ± 20%, terminal block |
| Power Consumption and Current | 24 VAC ± 20%; Heater off: maximum 35 W / 1.5 A; Heater on: maximum 43 W / 1.79 A |
| Protection Level | IP66 |
| Material | Aluminum alloy housing, plastic sun shield |
| Dimensions | 17.53" × 4.33" × 6.66" [445.3 mm × 110 mm × 169.2 mm] |
| Weight | 8.38 lbs (3.80 kg) |

Accessories



Dimensions

