

Product Highlights

Intelligent Video System (IVS)

With built-in intelligent video analytics, the camera has the ability to detect and analyze moving objects for improved video surveillance.

Auto-tracking

This feature controls the pan/tilt/zoom actions of the camera to automatically track an object in motion and to keep it in the scene.

Protection

The camera allows for $\pm 20\%$ input voltage tolerance, suitable for the unstable conditions for outdoor applications. Its 6KV lightning rating provides effective protection for both the camera and its structure against lightning.



DCS-F6123

4MP Network IR Mini High Speed Dome

Features

- 1/2.8" Progressive Scan CMOS
- 12X Optical Zoom, 16X Digital Zoom
- 4MP(2592x1520)@25/30fps
- Multiple Streams
- 3D DNR, WDR, ICR, IVS, Defog
- Auto Tracking
- Smart IR range up to 80m

Featuring powerful optical zoom and accurate pan/tilt/zoom performance, this camera can provide large monitoring range and great detail. The camera has very excellent low light performance due to adopting the latest starlight technology. The camera is equipped with smooth control, high quality image and good protection, which make it can meet most of the requirements of video surveillance applications.

Auto-tracking

This feature controls the pan/tilt/zoom actions of the camera to automatically track an object in motion and to keep it in the scene. The tracking action can be triggered manually or automatically by defined rules. Once a rule is triggered, the camera can zoom in and track the defined target automatically.

Intelligent Video System (IVS)

With built-in intelligent video analytics, the camera has the ability to detect and analyze moving objects for improved video surveillance. The camera provides optional standard intelligence at the edge allowing detection of Perimeter, Single Virtual Fences, Double Virtual Fences Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad.

Smart Encode (H.265+)

Deliver high quality video without straining the network, Smart Encode H.265+ is the optimized implementation of H.265. The Smart H.265+ encoding technology includes a scene adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction, providing saving of up to 70% of bandwidth and storage when compared with standard H.265.

Environmental

D-Link DCS-F6123 Subjected to rigorous dust and water immersion tests and certified to the IP66 Ingress Protection rating makes it suitable for demanding outdoor applications.

Protection

The camera allows for ±20% input voltage tolerance, suitable for the unstable conditions for outdoor applications. Its 6KV lightning rating provides effective protection for both the camera and its structure against lightning.

Specification

| Camera | |
|----------------------|--|
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Effective Pixels | 2592(H) x 1520(V) |
| Electronic Shutter | Auto/Manual, 1/5-1/20,000s |
| Min. illumination | Color: 0.01Lux @(F1.2,AGC ON) B/W: 0Lux @(IR LED ON) |
| S/N Ratio | 55dB |
| Day/Night | Auto(ICR) / Day / Night / Timing |
| Wide Dynamic Range | WDR (120dB) |
| IR Range | Up to 80m |
| IR On/Off Control | Auto/ Manual |
| IR LEDs | 6pcs |
| Lens | |
| Focal Length | 4.7~56.4mm |
| Max. Aperture | F1.6~F3.0 |
| Angle of View | H: 59.13°~35.46°, V: 6.17°~3.65° |
| Optical Zoom | 12x |
| Digital Zoom | 16x |
| Focus Control | Auto/Manual |
| PTZ | |
| Pan/Tilt Range | Pan: 0° ~ 360° endless, Tilt: -10° ~ +90° |
| Manual Control Speed | Pan: 0.1° ~180° /s, Tilt: 0.1° ~90° /s |
| Preset Speed | Pan: 180° /s, Tilt: 90° /s |
| Presets | 300 |
| PTZ Mode | 6 Track, 12 Tour, 12 Scan, |
| Speed Setup | Auto/Manual (0-8) |
| Power up Action | Support |
| Idle Motion | Activate Preset/ Scan/ Tour/ Track if there is no command in the specified period |
| Video | |
| Compression | H.265, H.264, MJPEG |
| Max. Resolution | 4MP(2592×1520) |
| Streaming Capability | 3 Streams |
| Stream / Frame Rate | Stream1: 2592×1520/2560×1440/2304×1296/ 1920×1080/1280×720 @25/30fps Stream2: D1/VGA/640×360/CIF/QVGA @25/30fps Stream3: VGA/CIF/QVGA @25/30fps |
| Bit Rate Control | CBR/VBR |
| Bit Rate | Stream1: 200kbps~12Mbps Stream2: 100kbps~6Mbps Stream3: 100kbps~3Mbps |
| Image Enhancement | HLC / BLC / Anti-shake / Defog / WDR (120dB) |
| White Balance | Auto/Tungsten/Fluorescent/Daylight/Shadow/Manual |
| Gain Control | Auto/Manual |
| Noise Reduction | 2D/3D DNR |

| Smart IR | Support |
|-----------------------|--|
| Mirror | Support |
| Aisle Mode | Support |
| Region of Interest | Off / On (8 Zone) |
| Motion Detection | Off / On |
| Privacy Masking | Off / On (4 Area, Rectangle) |
| Audio | |
| Compression | G.711, RAW_PCM |
| Bit Rate | 8kbps(G.711), 16kps(RAW_PCM) |
| Network | |
| Protocols: | IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, ARP, SNMP |
| Interoperability | ONVIF, SDK, CGI |
| Streaming Method | Unicast |
| Max. User Access | 10 Users |
| Edge Storage | NAS Local PC for instant recording Micro SD card 128GB |
| Web Viewer | <IE11, Chrome, Firefox |
| Management Software | SunView |
| Smart Phone | IOS, Android |
| Intelligence | |
| Auto Tracking | Support |
| IVS | Perimeter, Single Virtual Fence, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad |
| Interface | |
| Ethernet | 1 Ethernet (10/100 Base-T) RJ-45 Connector |
| Audio | 1ch Input, 1ch Output |
| Alarm | 2ch Input, 1ch Output |
| RS485 | N/A |
| CVBS Output | N/A |
| Reset Button | Yes (Built-in) |
| Electrical | |
| Power Supply | AC24V/POE+ (IEEE 802.at) |
| Power Consumption | Less than 25W |
| Operating Temperature | Starting Temperature: -40°C ~ 60°C (-40°F ~ 140 °F) Working Temperature: -55°C ~ 60°C (-67°F ~ 140 °F) |
| Operating Humidity | Less than 90% RH |
| Ingress Protection | IP66, TVS4000V |
| Certifications | CE/FCC |
| Casing | Metal |
| Dimensions | 146.6×139.3×218.3mm |
| Net Weight | 1.5Kg |

Dimensions (mm)

