D-Link
FOR BUSINESS

Product Highlights

Wide Dynamic Range
Embedded with industry leading wide dynamic range (WDR) technology, vivid pictures are achieved even in the most intense contrast lighting conditions

Smart Encode (H.265+)
Deliver high quality video without straining the network, Smart Encode H.265+ is the optimized implementation of H.265

Rugged Construction
IP66 weatherproof housing makes DCS-F4604 ideal for surveillance applications

DCS-F4604
4MP Network IR Mini Dome

Features

- 1/3" Progressive Scan CMOS
- 2.8mm(3.6mm optional)
- 25fps/30fps@4MP(2592*1520)
- Triple Streams
- Smart IR Up to 30m
- Low bitrate ,Excellent low light performance
- WDR,3D DNR
- ROI, Defog, HLC, Corridor mode, DIS
- IP66

D-Link DCS-F4604 4MP Network IP Bullet Camera bringing high efficient video compression by upgrading H.265 encoding technology. It saves bandwidth and storage, energy-saving design to enhance the monitoring system. Meanwhile, DCS-F4704 offers features such as Smart IR technology, intelligent image analysis techniques. It provides excellent image quality and intelligent and efficient event reminders. DCS-4604 provides IP66 weatherproof and IK10 vandal-proof protection feature.

Wide Dynamic Range
Embedded with industry leading wide dynamic range (WDR) technology, vivid pictures are achieved even in the most intense contrast lighting conditions. For applications with both bright and low lighting conditions that change quickly, true WDR (120dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.
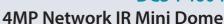
Intelligent Video System (IVS)
With built-in intelligent video analytics, the camera has the ability to detect and analyze moving objects for improved video surveillance. The camera provides optional standard intelligence at the edge allowing detection of Perimeter, Single Virtual Fences, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad.

Environmental
With a temperature range of -30 ℃ to +50 ℃ (-22 °F to +122 °F), the camera is designed for extreme temperature environments. Subjected and certified to rigorous dust and water immersion tests, the IP67 rating makes it suitable for demanding outdoor applications.

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

ntelligent noise reduction, providing saving of up to 70% of bandwidth and storage when compared with standard H.265.

HEVC (H.265)

H.265 ITU-T VCEG is a new video coding standard. H.265 Following s standard developed around the existing video coding standard H.264, ome retain the original technology, while some of the relevant technology to improve the new technology uses advanced technology to

improve the relationship between the code stream, encoding quality, and the delay between algorithm complexity, optimize settings specific contents include: Improve compression efficiency, improve the robustness and error recovery capabilities, real-time to reduce the delay, reduce channel acquisition time and a random access delay, reduce complexity.

Technical Specifications

Camera Specification

Image Sensor	• 1/3" Progressive Scan CMOS
Effective Pixels	• 2592(H)×1520(V)
Scanning System	• Progressive
Electronic Shutter	• 1/5-1/20000s
Min. illumination	• Color:0.05Lux@(F1.2,AGC ON)B/W:0Lux@(IR LED ON)
S/N Ratio	• 55dB
IR Range	• Up to 30m
IR On/Off Control	• Auto/ Manual
IR LEDs	• 2pcs
Pan/Tilt/Rotation Range	• Pan:0˚~350˚, Tilt:0˚~75˚, Rotation:0˚~350˚

Lens Specification

Lens Type	• Fixed
Iris	• Fixed Iris
Focal Length	• 2.8mm(3.6mm Optional)
F Number	• F2.0
Angle of View	• 90°
Focus Control	• Fixed
Close Focus Distance	• 0.5m

Video Specification

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: 500kbps~12000kbps • Stream2: 100kbps~6000kbps • Stream3: 100kbps~3000kbps
Day/Night	• ICR
Image Enhancement	• HLC / Defog / WDR (120dB)
White Balance	• Support
Gain Control	• Auto/Manual
Noise Reduction	• 2D/3D DNR
Electronic Image Stabilization(EIS)	• Support
Smart IR	• Support
Mirror	• Support
Region of Interest	• Support

Video Specification

Motion Detection	• Support
Privacy Masking	• Support

Audio Specification

Compression	• N/A
Bit Rate	• N/A

Network Specification

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
Streaming Method	• Unicast
Max. User Access	• 10 Users
Web Viewer	• <IE11, Chrome, Firefox
Management Software	• IMS 3.0
Smart Phone	• IOS, Android

Intelligence Specification

IVS	• Perimeter, Single Virtual Fences, 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 Interface	• N/A
Alarm	• N/A
RS485	• N/A
BNC Output	• N/A
Reset Button	• N/A
Edge Storage	• N/A

Electrical

Power Supply	• DC12V/POE
Power Consumption	• 2.5W(IR LED OFF), 5W (IR LED ON)
Operating Temperature	• Starting Temperature: -30°C ~ 50°C (-22°F ~ 122°F) • Working Temperature: -30°C ~ 50°C (-22°F ~ 122°F)
Operating Humidity	• Less than 90% RH
Ingress Protection	• IP66
Certifications	• CE / FCC
Casing	• Metal
Dimensions	• φ110×85.4mm
Net Weight	• 390g

Dimensions (mm)

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