

Product Highlights

Rugged Construction

Subjected and certified to rigorous dust and water immersion tests, the IP67 rating makes it suitable for demanding outdoor applications.

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.

High Quality Video

Deliver high quality video without straining the network by optimizing H.265 through implementation of Smart Encoded H.265+.



DCS-F4724

4MP Motorized Network IR Bullet

Features

- 1/3" Progressive Scan CMOS
- Motorized lens 2.7~12mm
- 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
- IP67

DCS-F4724 employs H.265 encoding technology, bringing high efficient video compression. It saves bandwidth and storage, energy-saving design to enhance the monitoring system. Meanwhile, the series offers features such as starlight, Smart IR technology, intelligent image analysis techniques. It provides excellent image quality and intelligent and efficient event reminders. DCS-F4724 provides IP67 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 °C to +60 °C (-22 °F to +140 °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 intelligent 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 standard developed around the existing video coding standard H.264, some 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, realtime to reduce the delay, reduce channel acquisition time and a random access delay, reduce complexity

Technical Specifications

System		Audio	
Image Sensor	• 1/3" Progressive Scan CMOS	Compression	• G.711 ,RAW_PCM
Effective Pixels	• 2592(H)×1520(V)	Bit Rate	• 64kbps (G.711), 128kps (RAW_PCM)
Scanning System	• Progressive	Network	
Electronic Shutter	• 1/5-1/20000s	Protocols:	• IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, APR, SNMP
Min. illumination	• Color:0.05Lux@(F1.2,AGC ON) B/W:0Lux@(IR LED ON)	Interoperability	• ONVIF
S/N Ratio	• 55dB	Streaming Method	• Unicast
IR Range	• Up to 30m	Smart Phone	• 10 Users
IR On/Off Control	• Auto/ Manual	Web Viewer	• <IE11, Chrome, Firefox
IR LEDs	• 10pcs	Management Software	• IMS 3.0
Lens		Smart Phone	• IOS, Android
Lens Type	• Motorized	Intelligence	
Iris	• Auto Iris	IVS	• Perimeter ,Single Virtual Fences ,Double Virtual Fences ,Loiter ,Multi Loiter ,Object Left ,Object Removed, Abnormal Speed ,Converse, Illegal Parking , Signal Bad
Focal Length	• 2.7~12mm	Interface	
F Number	• F1.3	Ethernet	• 1 Ethernet (10/100 Base-T) RJ-45 Connector
Angle of View	• 95°~ 35°	Audio Interface	• 1ch Audio In,1ch Audio Out
Focus Control	• Motorized	Alarm	• N/A
Close Focus Distance	• 0.2m	RS485	• N/A
Video		BNC Output	• Support
Compression	• H.265,H.264,MJPEG	Reset Button	• Support
Max. Resolution	• 4MP(2592×1520)	Edge Storage	• Micro SD, Max 128GB
Streaming Capability	• 3 Steams	Electrical	
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	Power Supply	• 2.1kg
Bit Rate Control	• CBR/VBR	Power Consumption	• 5W(IR LED OFF), 8W (IR LED ON)
Bit Rate	• Stream1: 500kbps~12000kbps • Stream2: 100kbps~6000kbps • Stream3: 100kbps~3000kbps	Operating Temperature	• Starting Temperature: -30°C ~ 60°C (-22°F ~ 140°F) • Working Temperature: -40°C ~ 60°C (-40°F ~ 140°F)
Day/Night	• Motion Detection, Video Loss, Camera Tamper	Operating Humidity	• Less than 90% RH
Image Enhancement	• HLC / Defog / WDR (120dB)	Ingress Protection	• IP67
White Balance	• Support	Certifications	• CE / FCC
Gain Control	• Auto/Manual	Casing	• Metal
Noise Reduction	• 2D/3D DNR	Dimensions	• 264.5×82.7×80.3mm
Electronic Image Stabilization(EIS)	• Support	Net Weight	• 830g
Smart IR	• Support		
Mirror	• Support		
Region of Interest	• Support		
Motion Detection	• Support		
Privacy Masking	• Support		

Dimensions (mm)

