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.

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 by fully optimizing the network resources through the implementation of the Smart Encode H.265+.

DCS -F5702PH

2MP Super WDR Network Pinhole Camera

Features

- 1/2.8" Progressive Scan CMOS
- 50fps/60fps@1080P(1920*1080)
- Pinhole lens 3.7mm, 2.8mm fixed lens optional
- Triple Streams, Triple Power Supply
- WDR,3D DNR
- 1 Ch Audio in,1 Ch Audio out
- 2 Ch Alarm in,1 Ch Alarm out
- ROI, Defog, HLC, Corridor mode, DIS
- Built-in SD/SDHC slot

D-Link's Pinhole camera provides an independent operation camera with functional features. It can be easily installed into any indoor environments, which makes this camera ideal for the ATMs(Automatic Teller Machines), banks, stores, hotels and offices.

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 -20 °C to +50 °C (-4 °F to +122 °F), the camera is designed for extreme temperature environments.
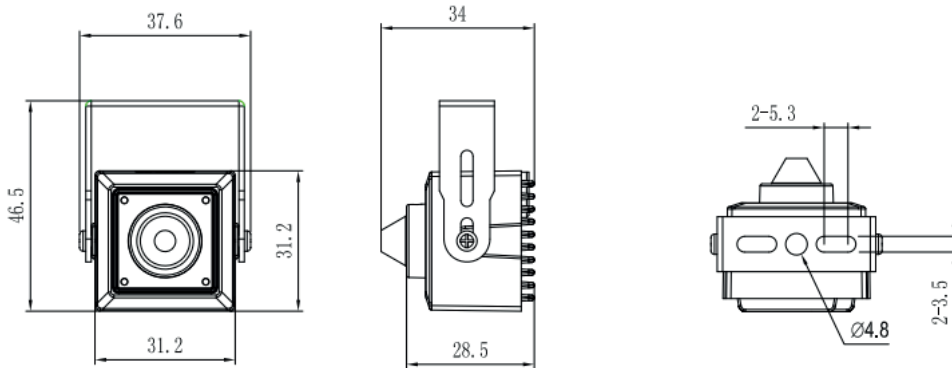
Smart Encode (H.265+)

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, real-time to reduce the delay, reduce channel acquisition time and a random access delay, reduce complexity.

Technical Specifications

Camera

Image Sensor	• 1/2.8" Progressive Scan CMOS
Effective Pixels	• 1920(H)×1080(V)
Scanning System	• Progressive
Electronic Shutter	• 1/5-1/20000s
Min. illumination	• Color:0.001Lux@(F1.2,AGC ON) • B/W:0.0001Lux@(F1.2,AGC ON)
S/N Ratio	• 55dB
IR Distance	• N/A
IR On/Off Control	• N/A
IR LEDs	• N/A
Pan/Tilt/Rotation Range	• N/A

Lens

Lens Type	• Fixed
Iris	• Fixed Iris
Focal Length	• 3.7mm, 2.8mm fixed lens optional
F Number	• F2.0
Angle of View	• 84°
Focus Control	• Fixed
Close Focus Distance	• 0.1m

Video

Compression	• H.265,H.264,MJPEG
Max. Resolution	• 1080P(1920×1080)
Streaming Capability	• 3 Streams
Stream / Frame Rate	• Stream1:1920×1080/1280×720 @50/60fps • 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	• Color / B/W
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	• N/A
Mirror	• Support
Region of Interest	• Support
Motion Detection	• Support
Privacy Masking	• Support

Audio

Compression	• G.711 ,RAW_PCM
Bit Rate	• 64kbps (G.711), 128kps (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
Streaming Method	• Unicast
Max. User Access	• 10 Users
Web Viewer	• <IE11, Chrome, Firefox
Management Software	• IMS 3.0
Smart Phone	• IOS, Android

Intelligence

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	• 1ch Audio In,1ch Audio Out
Alarm	• 2ch Alarm In,1ch Alarm Out
RS485	• Support
BNC Output	• Support
Reset Button	• Support
Edge Storage	• Micro SD/SDHC slot, Max 128GB

Electrical

Power Supply	• DC12V
Power Consumption	• 3W(MAX)
Operating Temperature	• Starting Temperature: -10°C ~ 50°C (14°F ~ 122°F) • Working Temperature: -20°C ~ 50°C (-4°F ~ 122°F)
Operating Humidity	• Less than 90% RH
Ingress Protection	• N/A
Certifications	• CE/FCC
Casing	• Metal
Dimensions	• 37.6mmx34mmx46.5mm
Net Weight	• 180g

Dimensions (mm)

Rear Panel

D-Link®

FOR BUSINESS