D-Link®
FOR BUSINESS

Product Highlights

Auto-tracking
Auto tracking allow automatic tracking of any object in motion using its pen / tilt / zoom features.

Intelligent Video System (IVS)
The camera comes with built-in imtelligent video analytics, the camera has the ability to detect and analyze moving objects for improved video surveillence.

Rugged Construction
Subjected to rigorous dust and water immersion tests and certified to the IP66 Ingress Protection rating makes it suitable for demanding outdoor applications.

DCS-F6917
3MP Network IR High Speed Dome

Features

• 1/2.8" Progressive Scan CMOS
• 30X Optical Zoom,16X Digital Zoom
• HD 3MP(2048×1536)
• Multiple Streams
• Smart IR Range 150m
• Low bitrate ,Good low light performance
• 3D DNR,dWDR,ICR, IVS

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.

Starlight Technology
For challenging low-light applications, Sunell's Starlight Technology offers best-in-class light sensitivity, capturing color details in low light down to 0.001 lux. The camera uses a set of optical features to balance light throughout the scene, resulting in clear images in dark environments.

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

Environmental

Sunell cameras operate in extreme temperature environments, rated for use in temperatures from -40°C ~ 60°C (-40°F ~ +140°F) with 90% humidity. 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.

Technical Specifications

Camera Specification

Image Sensor	• 1/2.8" Progressive Scan CMOS
Effective Pixels	• 2048(H) x 1536(V)
Scanning System	• Progressive
Electronic Shutter	• Auto/Manual, 1/1~1/10000s
Min. illumination	• Color:0.01Lux@(F1.2,AGC ON) ;B/W:0Lux@(IR LED ON)
S/N Ratio	• 55dB
IR Range	• Smart IR up to 150m
IR On/Off Control	• Auto / Manual
IR LEDs	• 8pcs

Lens Specification

Focal Length	• 4.3~129mm
Max. Aperture	• F1.6~F4.4
Angle of View	• H:59.8°~2.34°
Optical Zoom	• 30x
Focus Control	• Auto/Manual
Close Focus Distance	• 1000mm~1500mm

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	• 400
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

Intelligence Specification

Auto Tracking	• Support
IVS	• Perimeter, Single Virtual Fences, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad

Video Specification

Compression	• H.265, H.264, MJPEG
Streaming Capability	• 3 Streams
Stream / Frame Rate	• Stream1: 2048 x 1536/1920×1080 /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	• Auto(ICR) / Color / B/W
Image Enhancement	• BLC/HLC/dWDR
White Balance	• Auto/Tungsten/Fluorescent/Daylight/Shadow /Manual
Gain Control	• Auto / Manual

Camera Specification (continued)

Noise Reduction	• 2D / 3D DNR
Electronic Image Stabilization(EIS)	• N/A
Defog	• Yes
Digital Zoom	• 16x
Mirror	• Support
Region of Interest	• Off / On (8 Zone)
Motion Detection	• Off / On
Privacy Masking	• Off / On (4 Area, Rectangle)

Audio Specification

Compression	• G.711,RAM_PCM
Bit Rate	• 64kbps (G.711), 128kps (RAW_PCM)

Network Specification

Ethernet	• RJ-45 (10/100Base-T)
Protocols	• IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, APR, SNMP
Interoperability	• ONVIF, CGI
Streaming Method	• Unicast
Max. User Access	• 10 Users
Web Viewer	• IMS 3.0
Management Software	• <IE11, Chrome, Firefox
Smart Phone	• IOS, Android

Interface

Ethernet	• I1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	• 1ch Audio In,1ch Audio Out
Alarm	• 7ch Alarm In,2ch Alarm Out
RS485	• Yes
BNC Output	• Yes
Reset Button	• Yes(Built-in)
Edge Storage	• NAS Local PC for instant recording Micro SD card 128GB

General

Power Supply	• AC24V/2.5A (Hi-POE optional)
Power Consumption	• Less than 40W
Operating Temperature	• Starting Temperature: -30°C ~ 60°C (-22°F ~ 140 °F) • Working Temperature:-40°C ~ 60°C (-40°F ~ 140 °F)
Ingress Protection	• IP66,TVS6000V
Certifications	• CE / FCC
Casing	• Metal
Dimensions	• Φ205×332mm
Net Weight	• 4.3Kg

Dimensions (mm)

D-Link®

FOR BUSINESS