D-Link®
Building Networks for People

Product Highlights

3MP Resolution

1/2.8" progressive CMOS sensor capable of 3 megapixel high resolution images to ensure that you capture the details you need

Wide Dynamic Range

Wide Dynamic Range technology corrects imperfect lighting, providing clear images with the right amount of contrast even when a subject is backlit

Weatherproof

The camera apparatus is housed in a weather-proof enclosure (IP66) for versatile placement in any environment

DCS-F6917

30X 3MP High Speed Dome Network Camera

Features

Camera
- 1/2.8" progressive CMOS sensor
- WDR/HLC for difficult light sources
- 30x optical zoom and 16x digital zoom
- Built-in removable IR-cut filter for clearer day/night surveillance

Connections
- 10/100 Fast Ethernet port
- Micro SD/SDHC/SDXC card slot
- Audio input/output
- 7 alarm inputs, 2 alarm outputs

Video & Audio
- Real-time H.264 and Motion JPEG compression
- 2048 x 1536 resolution at 30 fps
- 2-way audio
- G.711, RAW_PCM audio codec support
- Multiple access list
- Privacy Masks

Housing
- IP-66 weather-resistant
- -40 to 60°C wide temperature control

The DCS-F6917 30X 3MP High Speed Dome Network Camera is a high-definition professional surveillance and security solution suitable for small, medium, and large enterprises. The DCS-F6917 features a CMOS sensor capable of 3MP resolution, allowing for very clear surveillance footage to be taken. The powerful 30x optical zoom and 16x digital zoom ensure the smallest details with ease.

Proportional Pan, Tilt, and Zoom Speeds

Proportional pan and tilt make it easy to precisely adjust the camera's view. When the camera zooms in, the panning speed is automatically slowed to improve camera tracking and control. PTZ presets allow the camera to monitor specific areas along predefined paths.

Built for Tough Environments

Specially designed for use in harsh environments, the DCS-N6917 has a tough, industry certified IP-66 (weather-proof) metal housing. This means that it is able to withstand sudden high impacts, as well as adverse weather conditions. The camera is housed in a weatherproof enclosure (IP-66 standard) that enable it to operate in extreme environment at temperature ranging from -40 to 60 °C (-40 to 140 °F). The camera also equipped with lightning and surge protection.

Wide Dynamic Range (WDR) and HLC

The Wide Dynamic Range (WDR) function of a camera provides clear images even under dynamic lite conditions where the intensity of illumination can vary significantly. The DCS-F6917 is recommended for extreme high-contrast environments. For example, when placed indoors, the DCS-F6917 can adjust itself to intense sunlight, such as light streaming in through a nearby window. This makes it an ideal solution for security applications. The HLC feature allows camera to provide clear images during night vision by adjusting the brightness from strong light sources like head lights & spot lights.

Removable IR Cut Filter & IR LEDs for Night Monitoring

The IR cut flter can be manually applied, or set to automatically adjust based on lighting conditions. This feature enables the camera to capture crisp color images during the daytime, and grayscale images in low-light.

The DCS-F6917 is also built with IR LED illuminators with a 150 meter range, allowing the camera to keep watch even in complete darkness. This works to give you a reliable surveillance camera capable of monitoring an area 24 hours a day.
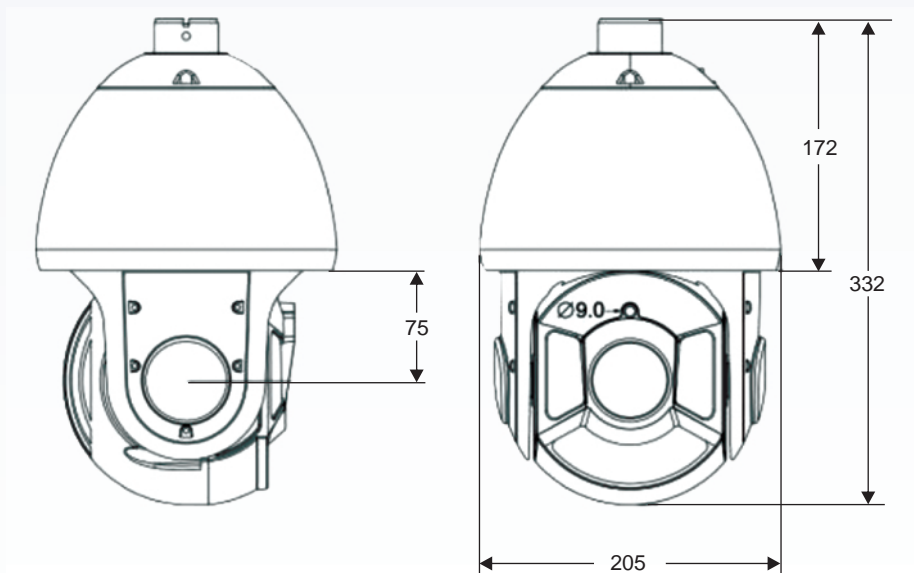
Technical Specifcations

Camera

Camera Hardware Profile	• 1/2.8″ progressive Scan CMOS sensor
	• Minimum illumination 0.01 Lux (Color);
	  0.001 Lux (B/W) @ F1.2
	• Built-in Infrared-Cut Removable (ICR) Filter
	• 150 meter IR illumination distance
	• 30x optical zoom, 16x digital zoom
		• 4.3 to 129mm auto focus zoom lens
		• Aperture F1.2
		• Angle of View
		  • (H) 68.5° to 3.2°
		• Electronic shutter 1/1 to 1/10,000 sec.

PTZ Hardware Profile	• Pan travel: 360° endless • Tilt travel: 0° to 180° • Presets: 300 points • Preset Accuracy: < 0.2° • Tilt Speed: 0.01 to 90°/s • Pan Speed: 0.01° to 180°/s • Tilt Preset Speed: 0.5 to 90°/sec. • Pan Preset Speed: 180°/s • Scan: 12	• Track: 6 • Cruise Paths: 12 • Pan and tilt speed proportional to zoom ratio • Resume after power loss • 3D Positioning • De-fog • Electronic Image Stabilizer • Digital Noise Reduction: 2D/3D
Image Features	• Configurable image size, quality, frame rate, and bit rate • Time stamp and text overlays • Configurable motion detection windows	• Configurable privacy masks • Configurable shutter speed, sharpness, Brightness Contrasts, Rotate, ROI
Video Compression	• Simultaneous H.264/MJPEG format compression • H.264 multicast streaming	• JPEG for still images
Video Resolution	• Stream 1: 2048 X 1536 @25fps support 1-25fps • Stream 2: 1920 X 1080 / 1280 X 720 / D1 / VGA @25fps support • Stream 3: 2048 X 1536/1920 X 1080 / 1280 X 720 / D1 / VGA @ not full Frame (SVC stream)	
Audio Support	• G.711	
External Device Interfaces	• 7 alarm inputs • 2 alarm outputs	• Audio input/output • Micro SD support up to 64GB

Network

Network Protocols	• IPv4 • IPv6 • TCP/IP • UDP • ICMP • DHCP Client • NTP Client (D-Link) • DNS Client • DDNS Client (D-Link) • SMTP	• HTTP/HTTPS • PPPoE • UPnP Port Forwarding • RTSP • IGMP • ONVIF • CIFS • NFS • FTP Client
Security	• Password protection • Multilevel User Group Manager	• HTTPS encryption for web access • Custom Permission

System Management		
System Requirements for Web Interface	• Microsoft Windows 8/7/Vista/XP/2000	• Internet Explorer 7 or Higher
Event Management	• Motion detection • Event notification and upload snapshots/video clips via SMTP or FTP	• Tamper detection • Multiple recording methods for easy backup • Multiple event notification
Remote Management	• Configuration accessible via web browser	
General		
Reliability	• Hardware watchdog	• Automatic fault recovery
Protection	• TVS4000V Lightning Protection	• Surge Protection
Power Input	• AC 24 V, 2.5 A	
Max. Power Consumption	• Max 40 W	
Operating Temperature	• -40 to 60 °C (-40 to 140 °F)	
Weatherproof	• IP-66 standard	
Humidity	• < 90 % RH non-condensing	
Weight	• 4.3 kg	
Certifications	• CE, FCC, EN	
Dimensions		

Order Information

Part Number	Description
DCS-F6917	30X 3MP High Speed Dome Network Camera

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