























D-Link Video Surveillance Solutions

		Fixed Cameras											
		Indoor										Outdoor	
													
Model		DCS-930L	DCS-932L	DCS-933L	DCS-936L	DCS-942L	DCS-960L	DCS-2132L	DCS-2136L	DCS-2210L	DCS-2230L	DCS-2530L	DCS-2330L
Image Sensor		1/5"VGA progressive scan CMOS	1/5"VGA progressive scan CMOS	1/5"VGA progressive scan CMOS	1/4"1 megapixel progressive scan CMOS	1/5"VGA progressive scan CMOS	1/2.7"1 megapixel progressive scan CMOS	1/4"1 megapixel progressive scan CMOS	1/3"1 megapixel progressive scan CMOS	1/2.7"2 megapixel progressive scan CMOS	1/2.7"2 megapixel progressive scan CMOS	1/3"2 megapixel progressive scan CMOS	1/4"1 megapixel progressive scan CMOS
Maximum Video Resolution (Ratio)		640 x 480	640 x 480	640 x 480	1280 x 720 (16:9)	640 x 480	1280 x 720 (16:9) 800 x 600 (other)	1280 x 720 (16:9) 1280 x 800 (other)	1280 x 720 (16:9) 1024 x 768 (other)	1920 x 1080 (16:9) 1280 x 800 (other)	1920 x 1080 (16:9) 1280 x 800 (other)	1920 x 1080 (16:9) 1024 x 768 (other)	1280 x 720 (16:9) 960 x 720 (other)
Lens		Fixed 5.01 mm, F2.8	Fixed 5.01 mm, F2.8	Fixed 3.15 mm, F2.8	Fixed 2.45 mm, F2.4	Fixed 3.15 mm, F2.8	Fixed 1.72 mm, F2.0	Fixed 3.45 mm, F2.0	Fixed 3.6 mm, F1.4	Fixed 4.37 mm, F2.0	Fixed 4.37 mm, F2.0	Fixed 1.7 mm, F2.5	Fixed 3.45 mm, F2.0
Minimum Illumination (Lux)		1 Lux	1 Lux (colour) 0 Lux (B&W, IR-LED on)	1 Lux (colour) 0 Lux (B&W, IR-LED on)	2.6 Lux (colour) 0 Lux (B&W, IR-LED on)	1 Lux (colour) 0 Lux (B&W, IR-LED on)	0.5 Lux (colour) 0.1 Lux (B&W) 0 Lux (B&W, IR-LED on)	1 Lux (colour) 0.5 Lux (B&W) 0 Lux (B&W, IR-LED on)	0 Lux (colour, white light LED on)	1 lux (colour) 0 Lux (B&W, IR-LED on)	1 Lux (colour) 0 Lux (B&W, IR-LED on)	0.5 Lux (colour) 0.1 Lux (B&W) 0 Lux (B&W, IR-LED on)	1 Lux (colour) 0.5 Lux (B&W) 0 Lux (B&W, IR-LED on)
Infrared-Cut Removable Filter		●	●	●	●	●	●	●	●	●	●	●	●
IR Built-in			5 m	5 m	5 m	5 m	5 m	5 m	5 m (white light)	5 m	5 m	5 m	5 m
Wide Dynamic Range (WDR)									●				
LowLight+									●				
Angle Of View (H/V)		45.3° / 34.5°	45.3° / 34.5°	45.3° / 34.5°	112° / 77°	45.3° / 34.5°	180° / 120°	57.8° / 37.8°	64° / 46.5°	103° / 55°	103° / 55°	180° / 86°	57.8° / 37.8°
PIR (Passive Infrared) sensor						●		●	●	●	●	●	●
Privacy Masks								3 zones	3 zones	3 zones	3 zones	3 zones	3 zones
2-Way Audio						●		●	●	●	●	●	●
Built-in Microphone		●	●	●	●	●	●	●	●	●	●	●	●
Built-in Speaker								●	●	●	●	●	●
External Speaker Output						●			●	●	●		
Wireless		802.11b/g/n	802.11b/g/n	802.11b/g/n	802.11b/g/n	802.11b/g/n	802.11b/g/n/ac	802.11b/g/n	802.11a/b/g/n/ac		802.11b/g/n	802.11b/g/n	802.11b/g/n
Wi-Fi Signal Locator					●							●	
Built-in Wireless Extender (max. 5 clients)				●									
Ethernet Port		●	●	●		●		●	●	●	●		●
802.3af PoE										●			
Digital Input/Output (DI/DO)								1/1	1/1	1/1	1/1		
Onboard Storage Card Slot					MicroSD SDHC (max. 32GB)	MicroSD SDHC (16GB included, max. 32GB)	MicroSD SDHC (16GB included, max. 32GB)	MicroSD SDHC (max. 32GB)	MicroSD SDHC (16GB included, max. 32GB)	MicroSD SDHC (max. 32 GB)	MicroSD SDHC (max. 32 GB)	MicroSD SDHC	MicroSD SDHC (16GB included, max. 32GB)
Video Format		MJPEG	MJPEG	H.264 MJPEG	H.264 MJPEG	H.264 MPEG-4 MJPEG	H.264 MJPEG	H.264 MJPEG	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MJPEG	H.264 MJPEG
Multi-Stream				●	●	●	●	●	●	●	●	●	●
Mobile Stream		●	●		●	●	●	●	●	●	●	●	●
ONVIF Compliant				●	●	●	●	●	●	●	●	●	●
Digital Zoom		4x	4x	4x	4x	4x	8x	10x	10x	10x	10x	10x	10x
Motion Detection		●	●	●	●	●	●	●	●	●	●	●	●
Sound Detection			●	●	●	●	●	●	●	●	●	●	●
E-Mail Notification		●	●	●	●	●	●	●	●	●	●	●	●
with Snapshot		●	●	●	●	●	●	●	●	●	●	●	●
with Video			●	●	●	●	●	●	●	●	●	●	●
Event Recording to SD card					●	●	●	●	●	●	●	●	●
Event Recording to NAS									●	●	●	●	●
IPv6 Support					●			●	●	●	●	●	●












Hardware Features

Software Features

D-Link Video Surveillance Solutions

		Fixed Cameras				Pan & Tilt						
		Indoor Wireless	Indoor PowerLine	Indoor Wired PoE	Indoor PoE Dome	Indoor				Outdoor		
												
		Model	DCS-7000L	DCS-6045LKT	DCS-3716	DCS-6113	DCS-5000L	DCS-5020L	DCS-5030L	DCS-5222L	DCS-6616	DCS-6915
Hardware Features	Image Sensor	1/4" megapixel progressive scan CMOS	1/4" 1 megapixel progressive scan CMOS	1/2.8" 3 megapixel WDR progressive scan CMOS (Sony Exmor)	1/2.7" 2 megapixel progressive scan CMOS	1/5" VGA Progressive scan CMOS	1/5" VGA Progressive scan CMOS	1/4" 1 megapixel Progressive scan CMOS	1/4" 1 megapixel Progressive scan CMOS	1/4" CCD (Sony Super HAD-II)	1/2.8" CNIS (Sony Exmor)	
	Maximum Video Resolution (Ratio)	1280 x 720 (16:9) 960 x 720 (other)	1280 x 720 (16:9) 640 x 480 (other)	1920 x 1080 (16:9) 2048 x 1536 (other)	1920 x 1080 (16:9) 1280 x 1024 (other)	640 x 480	640 x 480	1280 x 720 (16:9) 640 x 480 (other)	1280 x 720 (16:9) 960 x 720 (other)	720 x 480 (PAL) 720 x 576 (NTSC)	1920 x 1080 (16:9) 1280 x 1024 (other)	
	Lens	Fixed 2.4 mm, F2.0	Fixed 3.3 mm, F2.0	DC Iris varifocal 3.1 ~ 8 mm F1.2 CS mount	Fixed 4.0 mm, F1.5	Fixed 2.2 mm, F2.4	Fixed 2.2 mm, F2.0	Fixed 2.38 mm, F2.2	Fixed 3.6 mm, F2.0	Motorised varifocal 3.8 ~ 45.6 mm, F1.6 ~ 2.7	Motorised varifocal 4.7 ~ 94 mm, F1.6 ~ 3.5	
	Minimum Illumination (Lux)	0.1 Lux (colour) 0 Lux (B&W, IR-LED on)	1 Lux (colour) 0 Lux (B&W, IR-LED on)	0.5 Lux (colour) 0.05 Lux (B&W)	0.12 lux (colour) 0 lux (B&W, IR-LED on)	1 Lux (colour) 0 Lux (B&W, IR-LED on)	1 Lux (colour) 0 Lux (B&W, IR-LED on)	1 Lux (colour) 0 Lux (B&W, IR-LED on)	1 Lux (colour) 0 Lux (B&W, IR-LED on)	0.1 Lux (colour) 0.01 Lux (B&W)	0.1 Lux (colour) 0.01 Lux (B&W)	
	Infrared-Cut Removable Filter	●	●	●	●	●	●	●	●	●	●	
	IR Built-in	8 m	6 m		10 m	8 m	8 m	5 m	8 m			
	Wide Dynamic Range (WDR)			●							●	
	Angle Of View (H/V)	98° / 52°	68.88° / 37.85°	38.7°~95.9° / 29.1°~71°	77.4° / 45.1°	57° / 42°	66.22° / 49.08°	94.36° / 59.3°	70° / 53°	4.49°~52.8° / 3.40°~39.7°	4.07°~52.27° / 2.33°~33.4°	
	Optical Zoom			2.6x						12x	20x	
	Motorised Pan/Tilt					●	●	●	●	●	●	
	Pan Range					+170° to -170°	+170° to -170°	+170° to -170°	+170° to -170°	360° (endless)	360° (endless)	
	Tilt Range					+95° to -25°	+95° to -25°	+90° to -20°	+100° to -20°	10° to 170°	-10° to 190°	
	Presets					●	●	●	●	●	●	
	Auto Cruise									●	●	
	Privacy Masks	3 zones		3 zones	5 zones				3 zones	16 zones	16 zones	
	Analogue Output			BNC	BNC					BNC		
Vandal proof										IK10		
2-Way Audio	●		●	●				●	●	●		
Built-in Microphone		●			●	●	●	●				
Built-in Speaker								●				
External Microphone Input	●		●	●				●	●	●		
External Speaker Output	●		●	●				●	●	●		
Wireless LAN	802.11b/g/n/ac					802.11b/g/n	802.11b/g/n	802.11b/g/n	802.11b/g/n			
Built-in Wireless Extender (max. 5 clients)							●					
PowerLine		● (DHP-308AV included)										
Ethernet Port	●		●	●	●	●	●	●	●	●		
802.3af PoE				●	●							
Digital Input/Output (DI/DO)			2/1	1/1				1/1	8/1	4/2		
Onboard Storage Card Slot	MicroSD SDHC (max. 128GB)	MicroSD SDHC (max. 32GB)	SD SDHC (max. 32GB)	MicroSD SDHC (max. 32GB)			MicroSD SDHC (max. 32 GB)	MicroSD SDHC (max. 32 GB)		MicroSD SDHC (max. 32 GB)		
Software Features	Video Format	H.264 MJPEG	H.264 MJPEG	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	MJPEG	H.264 MJPEG	H.264 MJPEG	H.264 MJPEG	H.264 MPEG-4 MJPEG	MPEG-4 MJPEG	
	Multi-Stream	●	●	●	●	●	●	●	●	●	●	
	Mobile Stream	●	●	●	3GPP			●	●	●	●	
	ONVIF Compliant	●	●	●	●			●	●	●	●	
	Digital Zoom	10x	4x	10x	16x	4x	4x	4x	10x	12X	10X	
	Motion Detection	●	●	●	●	●	●	●	●	●	●	
	Sound Detection	●	●			●	●	●	●			
	Tamper Detection				●							
	E-Mail Notification	●	●	●	●	●	●	●	●	●	●	
	Event Recording to SD Card	●	●	●	●			●	●	●	●	
	Event Recording to NAS	●	●	●	●					●	●	
IPv6 Support	●	●	●	●				●				








D-Link Video Surveillance Solutions

		Fixed Cameras										
		Outdoor Bullet					Outdoor Dome					
												
Model		DCS-7010L	DCS-7110	DCS-7413	DCS-7513	DCS-7517	DCS-6210	DCS-6314	DCS-6315	DCS-6511	DCS-6513	DCS-6517
Image Sensor		1/4"1 megapixel progressive scan CMOS	1/2.7"2 megapixel progressive scan CMOS	1/2.7"2 megapixel progressive scan CMOS	1/2.8"2 megapixel WDR progressive scan CMOS (Sony Exmor)	1/3.2"5 megapixel WDR progressive scan CMOS	1/2.7"2 megapixel progressive scan CMOS	1/2.8"2 megapixel WDR progressive scan CMOS	1/3"1 megapixel WDR progressive scan CMOS	1/3"1.3 megapixel progressive scan CMOS	1/2.8"3 megapixel WDR progressive scan CMOS	1/3.2"5 megapixel WDR progressive scan CMOS
Maximum Video Resolution (Ratio)		1280 x 720 (16:9) 1280 x 800 (other)	1920 x 1080 (16:9) 1280 x 800 (other)	1920 x 1080 (16:9) 1440 x 1080 (other)	1920 x 1080 (16:9) 1440 x 1080 (other)	1920 x 1080 (16:9) 2560 x 1920 (other)	1920 x 1080 (16:9) 1440 x 1080 (other)	1920 x 1080 (16:9) 1440 x 1080 (other)	1280 x 720 (16:9) 1024 x 768 (other)	1280 x 720 (16:9) 1280 x 1024 (other)	1920 x 1080 (16:9) 2048 x 1536 (other)	1920 x 1080 (16:9) 2560 x 1920 (other)
Lens		Fixed 4.3 mm, F2.0	Fixed 4 mm, F1.5	Fixed 4.3 mm, F2.0	Motorised P-Iris varifocal 3 ~ 9 mm, F1.2 ~ 2.3	Motorised varifocal 2.8 ~ 12 mm, F1.8	Fixed 4.3 mm, F2.0	Varifocal 2.8 ~ 12 mm, F1.4	Varifocal 2.8 ~ 12 mm, F1.4	Motorised varifocal 3.3 ~ 12 mm, F1.4 ~ 360	Motorised P-Iris varifocal 3 ~ 9 mm, F1.2 ~ 2.3	Varifocal 3 ~ 9 mm, F1.4
Minimum Illumination (Lux)		1.5 Lux (colour) 0 Lux (B&W, IR-LED on)	0.12 Lux (colour) 0 Lux (B&W, IR-LED on)	1.5 Lux (colour) 0 Lux (B&W, IR-LED on)	0.2 Lux (colour) 0 Lux (B&W, IR-LED on)	0.5 Lux (colour) 0 Lux (B&W, IR-LED on)	1 Lux	0.2 Lux (colour), 0 Lux (B&W, IR-LED on)	0.1 Lux (colour), 0 Lux (B&W, IR-LED on)	0.1 Lux (colour), 0 Lux (B&W, IR-LED on)	0.5 Lux (colour), 0 Lux (B&W, IR-LED on)	0.5 Lux (colour), 0 Lux (B&W, IR-LED on)
Infrared-Cut Removable Filter		●	●	●	●	●	●	●	●	●	●	●
IR Built-in		10 m	15 m	30 m	30 m	30 m	15 m	15 m	20 m	20 m	20 m	20 m
Wide Dynamic Range (WDR)					●	●	●	●	●	●	●	●
LowLight+												
Angle Of View (H/V)		47° / 37°	77.4° / 45.1°	79° / 43°	121.2°~38.1° / 62.1°~ 21.3°	72.84°~29.47° / 54.69°~21.72°	79° / 43°	96.5°~31.2° / 64.5°~17.8°	90°~28° / 58.8°~16°	23.9°~89.8° / 17.9°~63.6°	96.4°~31.6° / 51.2°~17.7°	67.23°~26.94° / 48.88°~20.17°
Optical Zoom					3x	4.2x		4x	4x	3.6x	3x	3.5x
Privacy Masks		5 zones	5 zones	3 zones	3 zones	5 zones	3 zones	3 zones	3 zones	3 zones	3 zones	5 zones
Analogue Output				BNC	BNC	BNC			BNC			
Vandal Proof							IK10	IK10	IK10	IK10	IK10	IK10
2-Way Audio		●		●	●	●		●	●	●	●	●
Built-in Microphone							●					
External Microphone Input		●		●	●	●		●	●	●	●	●
External Speaker Output		●		●	●	●		●	●	●	●	●
Ethernet Port		●	●	●	●	●	●	●	●	●	●	●
802.3af PoE		●	●	●	●	●	●	●	●	●	●	●
Digital Input/Output (DI/DO)		1/1	1/1	1/1	1/1	1/1		1/1	1/1	1/1	1/1	1/1
Onboard Storage Card Slot		MicroSD SDHC (max. 32 GB)		SD SDHC (max. 32 GB)	SD SDHC (max. 32 GB)	MicroSD SDHC (max. 32 GB)	MicroSD SDHC (max. 32 GB)	MicroSD SDHC (max. 32 GB)	MicroSD SDHC (max. 64 GB)	SD SDHC (max. 32 GB)	MicroSD SDHC (max. 32 GB)	MicroSD SDHC (max. 32 GB)
Video Format		H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MJPEG	H.264 MJPEG	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MJPEG
Multi-Stream		●	●	●	●	●	●	●	●	●	●	●
Mobile Stream		●	●	●	●	●	●	●	●	●	●	●
ONVIF		●	●	●	●	●	●	●	●	●	●	●
Digital Zoom		4x	4x	10x	4x	10x	10x	10x	10x	10x	10x	4x
Motion Detection		●	●	●	●	●	●	●	●	●	●	●
Tamper Detection			●									
E-Mail Notification		●	●	●	●	●	●	●	●	●	●	●
Event Recording to SD Card		●	●	●	●	●	●	●	●	●	●	●
Event Recording to NAS		●	●	●	●	●	●	●	●	●	●	●
IPv6 Support		●	●	●	●	●	●	●	●	●	●	●
Compatible Mount Accessories								DCS-34-3	DCS-34-3	DCS-34-3	DCS-34-3	DCS-34-3

Vigilance Camera Range



The Vigilance Camera Range from D-Link offers professional, full featured high definition video surveillance solution that is easy to install and highly affordable. The range consist of cameras designed specifically to meet different surveillance and environmental requirements. From standalone surveillance solution that allows you to record videos without additional software or equipment, to weather/vandal-proof cameras for harsh environments.

							
Model	DCS-4201	DCS-4602EV	DCS-4603	DCS-4622	DCS-4701E	DCS-4703E	DCS-4802E
Model Name	Vigilance HD Wireless Camera	Vigilance Full HD Outdoor Vandal-Proof PoE Dome Camera	Vigilance Full HD PoE Dome Camera	Vigilance Full HD Panoramic PoE Camera	Vigilance HD Outdoor PoE Mini Bullet Camera	Vigilance Full HD Outdoor PoE Mini Bullet Camera	Vigilance Full HD Outdoor PoE Mini Dome Camera
Indoor/Outdoor	Indoor only	Indoor and Outdoor IP-66	Indoor only	Indoor only	Indoor and Outdoor IP-66	Indoor and Outdoor IP-66	Indoor and Outdoor IP-66
Vandal-Proof		● (IK-10)					
Image Sensor	1/4" 1 megapixel progressive scan CMOS	1/3" 2 megapixel progressive scan CMOS	1/3" 3 megapixel progressive scan CMOS	1/3.2" 3 megapixel progressive scan CMOS	1/3" 1 megapixel progressive scan CMOS	1/3" 3 megapixel progressive scan CMOS	1/3" 2 megapixel progressive scan CMOS
Maximum Video Resolution (Ratio)	1280 x 720 (16:9) 960 x 720 (other)	1920 x 1080 (16:9) 1440 x 1080 (other)	1920 x 1080 (16:9) 2048 x 1536 (other)	1920 x 1536 (other)	1280 x 720 (16:9) 960 x 720 (other)	1920 x 1080 (16:9) 2048 x 1536 (other)	1920 x 1080 (16:9) 1440 x 1080 (other)
Maximum Frame Rate	Up to 30 fps	Up to 30 fps	Up to 30 fps	Up to 25 fps	Up to 30 fps	Up to 30 fps	Up to 30 fps
Lens	Fixed 2.8 mm, F1.8	Fixed 2.8 mm, F1.8	Fixed 2.8 mm, F1.8	Fixed 1.1 mm, F20	Fixed 2.8 mm, F1.8	Fixed 3.6 mm, F1.8	Fixed 2.8 mm, F1.8
Minimum Illumination (Lux)	1.0 lux (colour) 0.5 lux (B/W) 0 Lux (B&W, IR-LED on)	1.0 lux (colour) 0.5 lux (B/W) 0 Lux (B&W, IR-LED on)	1.0 lux (colour) 0.5 lux (B/W) 0 Lux (B&W, IR-LED on)	0.5 lux (colour) 0.25 lux (B/W) 0 Lux (B&W, IR-LED on)	1.0 lux (colour) 0.2 lux (colour) 0.1 lux (B/W) 0 Lux (B&W, IR-LED on)	0.2 lux (colour) 0.1 lux (B/W) 0 Lux (B&W, IR-LED on)	1.0 lux (colour) 0.5 lux (B/W) 0 Lux (B&W, IR-LED on)
Infrared-Cut Removable Filter	●	●	●	●	●	●	●
IR Built-in	10 m	20 m	10 m	8 m	30 m	20 m	30 m
Wide Dynamic Range (WDR)	●	●	●	●	●	●	●
3D Noise Reduction	●	●	●	●	●	●	●
LowLight+					●	●	
Angle Of View (H/V/D)	97.6° / 69.2° / 108.9°	96° / 54° / 108°	96° / 54° / 108°	180° / 180° / 180°	96° / 54° / 108°	70° / 40° / 80°	96° / 54° / 108°
PIR Motion Sensor	● (10 m)						
Gimbal		2-Axis Vertical: 60° / Horizontal 350°	3-Axis Vertical: 60° / Horizontal 340° / Rotational 340°				3-Axis Vertical: 60° / Horizontal 355° / Rotational 355°
Privacy Masks	3 zones	3 zones	3 zones		3 zones	3 zones	3 zones
Audio Codec	G.711, AAC			G.711, AAC			
2-Way Audio	●			●			
Built-in Microphone	●			●			
Built-in Speaker	●			●			
Ethernet Port	●	●	●	●	●	●	●
802.3af PoE		●	●	●	●	●	●
Wireless Connectivity	802.11b/g/n						
Digital Input/Output (DI/DO)	1/1						
Onboard Storage Card Slot	MicroSD SDHC (max. 32 GB)			MicroSD SDXC (max. 128 GB)			
Video Format	H.264 MJPEG	H.264 MJPEG	H.264 MJPEG	H.264 MJPEG	H.264 MJPEG	H.264 MJPEG	H.264 MJPEG
Multi-Stream	●	●	●	●	●	●	●
ONVIF	●	●	●	●	●	●	●
Digital Zoom	4x	10x	10x	10x	10x	10x	10x
Motion Detection	●	●	●	●	●	●	●
E-Mail Notification	●	●	●	●	●	●	●
Event Recording to SD Card	●			●			
Event Recording to NAS	●	●	●	●	●	●	●
IPv6 Support	●	●	●	●	●	●	●
Compatible Mount Accessories		DCS-37-1, DCS-37-2	DCS-37-1, DCS-37-2	DCS-37-1, DCS-37-2			DCS-37-1, DCS-37-2

Hardware Features

Software Features

D-Link Video Surveillance Solutions



	Model	DNR-312L	DNR-322L	DNR-2020-04P	DNR16-4802-2	DNR-2060-08P
Features	Simultaneous Recording	9 channels	16 channels	16 channels	16 channels	8 channels
	Simultaneous Playback	9 channel	1 channel	16 channels	16 channels	8 channels
	Local Display	HDMI		VGA, HDMI	VGA, HDMI	VGA, HDMI
	Front Panel Controls					•
	PoE Switch Ports			4 x 802.3af PoE	4 x 802.3af PoE	8 x 802.3at PoE+
	Live View	•	•	•	•	•
	UPS Support via USB	•	•	•	•	•
	Remote Backup	•	•	•	•	•
	RAID Support		•	•	•	
	E-Mail Notification	•	•	•	•	•
	Smart Search			•	•	•
	Manual/Continuous Recording	•	•	•	•	•
	Scheduled/Triggered Event Recording	•	•	•	•	•
	3rd party Camera Support	•	•	•	•	
	Bundled Cameras				DCS-4802E x 2	
	mydlink Support	•	•			

DNR-2020-04P JustConnect 16-Channel PoE Network Video Recorder

The DNR-2020-04P JustConnect 16-Channel PoE Network Video Recorder is an all-in-one network video recorder (NVR) that can record video from up to 16 network cameras¹ to its dual HDD storage.

With the integrated HDMI/VGA display output and USB port, users can view, control and configure the DNR-2020-04P without the need to turn on their PC.

Featuring Power over Ethernet (PoE), the NVR supplies power to up to four PoE cameras, saving valuable time and electrical installation costs during setup.

Powered by an embedded system, the DNR-2020-04P supports real-time remote monitoring and playback via a web browser using the NVR's web GUI.

Additionally, support for audio in/out, DI/DO triggering, and external USB 3.0 storage for video export and backups fill the needs of small businesses.

The bundled Multi-NVR Viewer is a comprehensive network surveillance software designed for SMB and enterprise users, making the DNR-2020-04P a convenient, versatile, and effective video recorder.



	Model	DVS-310-1
Features	Maximum Video Resolution	720 x 576
	RS-485 Interface	•
	2-Way Audio	•
	External microphone input	•
	External Speaker Output	•
	Digital Input/Output (DI/DO)	2/1
	External Card Slot	SD
	Video Format	MJPEG, MPEG-4, H.264
	Dual-Stream	•
	Multi-Profile	•
	Motion Detection	•
	E-Mail Notification	•
Power over Ethernet	•	

Concurrent Recording and Viewing

Record and view real-time video streams from up to 16 cameras on a local network or remotely over the Internet

Easy Setup and Configuration

Embedded software enables easy setup via a connected monitor and four PoE ports eliminate the need for electrical wiring when adding cameras

No Computer Needed

Standalone solution with 2 integrated hard disk bays, USB mouse/keyboard support and HDMI/VGA monitor support





D-ViewCam™

› D-Link has its own Video Management Software (VMS), known as D-ViewCam, which is designed to run on industry standard Windows platforms.

D-ViewCam DCS-100

Bundled free with D-Link network cameras D-ViewCam enables users to centrally manage multiple cameras for home or businesses.

Supporting up to 32 network cameras and up to 64 users, D-ViewCam is compatible with all current D-Link network cameras and video servers, offers digital monitoring and recording with a wide array of features including simultaneous video recording, playback and live view.

D-ViewCam offers scheduled, motion and manual recording. Recorded files can be searched by video type and selected files can be played, edited and converted into AVI or ASF files. The e-map mode allows users to arrange a map with camera locations and orientation, while additional features such as auto-patrol, rotate, zoom, and focus provide optimal control over video surveillance.

D-ViewCam Plus DCS-250

The DCS-250 D-ViewCam Plus is a comprehensive network camera surveillance software designed for medium-to-large business as well as enterprise users. It centrally manages up to 64 network cameras and is compatible with current D-Link network cameras, video servers and an extensive range of third party network cameras. This software offers digital monitoring and recording of video, audio, and events for use in various security applications. Furthermore, this easy-to-use surveillance software provides users with a wide array of features, including multiple-channel playback, high resolution monitoring and live view.

Powerful optional Intelligent Video Surveillance (IVS) packages are available for the D-ViewCam Plus, including Presence/Tripwire and Counting IVS packages. The Presence/Tripwire Package (DCS-250-PRE-001-LIC) allows users to set up to 40 zones or lines which detects when an object is inside or is crossing a zone or a line, as well as camera-shake elimination; whilst the Counting Package (DCS-250-COU-001-LIC), allows objects such as people or vehicles to be counted. Both packages provide tamper detection to give users an extra piece of mind.



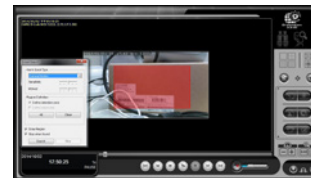
Playback view



Live view



Multi-channel live view



Video search

D-ViewCam Plus IVS Presence License

This license enables video analytics functions to detect when an object is inside or is crossing a zone or a line.

Effective video analytics

- Low cost and affordable
- 40 detection zones or lines

Precise detection algorithm

- Up to 95% accuracy
- No false alarms from falling leaves, rain, snow or camera noise

Save recording space

- Recording function triggers only on event, with high precision detection algorithm which translates to significant savings in storage space

Stabiliser

- In environments where camera stability is an issue, this feature compensates for any movement to provide a clear view

Tamper Detection

- Detects any event that significantly changes the field of view of the camera, such as loss of focus if the camera has been covered up.

D-ViewCam Plus IVS Counting License

This license enables video analytics functions such as people and vehicle counting, camera stability and tamper detection for the D-ViewCam Plus for one camera. The engine can track, classify, and analyse the behaviour of individual or a group of objects over long distances to greatly improve parameter security and monitoring efficiency.

- Instant alarm notifications
- Intelligent event search with video
- Intuitive 3D grid calibration
- 40 detection zones and tracks up to 100 targets per camera
- Self-learning algorithm automatically adapts to environment changes

People Counting

- Includes a bi-directional line-crossing filter, suitable for counting people in busy doorways and entrances

Vehicle Counting

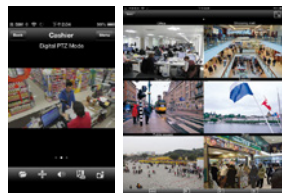
- Captures statistics on vehicle flow
- Provides an estimated speed of the vehicle

Tamper Detection:

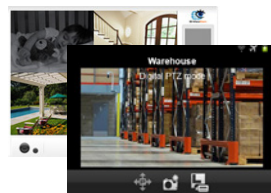
- Detects any event that significantly changes the field of view of the camera, such as focus loss of camera being covered up.

D-ViewCam Mobile

Keep an eye on your surveillance cameras anytime, anywhere with D-Link's D-ViewCam Mobile app. The D-ViewCam Mobile app makes it easy to check on your home or business no matter where you are, no matter what time of day it is.



For iPhones/iPads



For Android devices



Gigabit Smart Managed Surveillance PoE+ Switches

➤ World's first PoE switch with ONVIF support, specifically designed for Video IP Surveillance applications and equipped high PoE power budget suitable for powering multiple network cameras

DGS-1100 MP/MPP Series

The DGS-1100 MP/MPP Series Gigabit Smart Managed Surveillance PoE+ Switches is the world's first PoE switch with ONVIF support specifically designed for Video IP Surveillance applications.

This allows it to recognise ONVIF devices and integrate seamlessly with your surveillance network. With the surveillance optimised web interface, you can access real-time information on your surveillance network such as surveillance topology and device status, as well as PoE power and network bandwidth utilisation. Auto Surveillance VLAN (ASV) function ensures the quality of real-time video for monitoring and control without compromising the transmission of conventional network data.

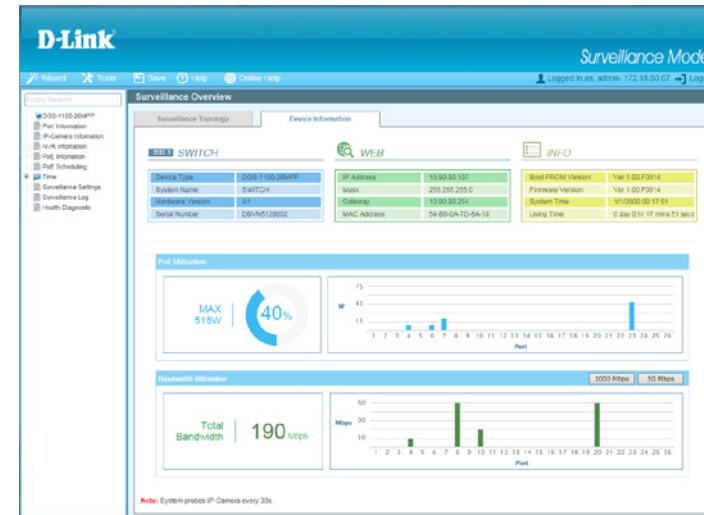
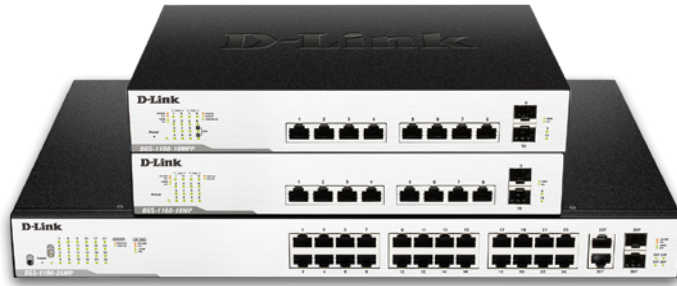
The DGS-1100 MP/MPP Series switches offer high PoE power budget suitable for powering multiple network cameras. The 10-port DGS-1100-10MP supports up to 30W on eight ports with a power budget of 130W, whereas the DGS-1100-26MP provides 24 PoE-enabled ports, a power budget of 370W, and all PoE-enabled ports support up to 30W. DGS-1100-10MPP supports up to 242W PoE power budget as well as 2 x 802.3bt/UPoE ports.

This along with 6 KV surge protection make the DGS-1100 MP/MPP Series a critical part of your surveillance infrastructure.



Visual Surveillance Topology

Quickly see which devices are connected to which ports. ONVIF support allows the switch to recognise both D-Link and 3rd party IP cameras and Network Video Recorders (NVRs).



Device Information

Detail overview of the device as well as real-time PoE power and network bandwidth utilisation.

Model	DGS-1100-10MP	DGS-1100-10MPP	DGS-1100-26MP
Number of Ports	8 x 10/100/1000 Mbps PoE 2 x SFP 1000 Mbps	8 x 10/100/1000 Mbps PoE 2 x SFP 1000 Mbps	24 x 10/100/1000 Mbps PoE 2 x Combo 1000 Mbps
Switching Capacity	20 Gbps	20 Gbps	52 Gbps
Supported PoE Standard	802.3af, 802.3at	802.3af, 802.3at, 802.3bt draft/UPoE	802.3af, 802.3at
PoE Capable Ports	Ports 1 to 8 (30 W max. per PoE port)	Ports 1 to 8 (30 W max. per PoE port for ports 1 to 8, 75 W max. for ports 7 to 8)	Ports 1 to 24 (30 W max. per PoE port)
PoE Power Budget	130 W	242 W	370 W
Surveillance Mode	•	•	•
Auto Surveillance VLAN	•	•	•
Voice VLAN	•	•	•
802.3az Energy Efficient Ethernet	•	•	•
Ventilation	1 x fan	1 x fan	2 x fans

Jargon Buster

➤ Not sure what all the terms mean? Here's a short guide to help understand the D-Link products and services discussed in this guide.

High Definition (HD) video

HD cameras capture a lot more detail and are also able to cover a much wider area than a standard VGA camera, giving good surveillance coverage with fewer cameras.

Megapixel

A generic term for cameras able to record at high resolution, i.e. above a million pixels. Analogue cameras are limited to around 0.4 Megapixels whereas digital IP cameras can capture images in much higher detail with 2 Megapixels and above.

Built-in IR

Infrared (IR) illuminators emit invisible light, enabling you to monitor an area in complete darkness.

Infrared Cut Filter

A filter that can block infrared while still passing visible light. Usually removable (either manually or under software control) to enhance daytime images while also allowing the camera to be used at night.

Wide Dynamic Range (WDR)

The ability of a camera to capture images in a wide range of lighting conditions. Extremely useful where glare, reflection and high levels of contrast would otherwise result in a poor picture, such as in doorways and next to windows.

LowLight+

LowLight+ technology captures light even in low lux, allowing the camera to record colour images even in low light conditions.

P-iris

P-Iris is a precise iris control, that optimises the iris opening of the lens under all lighting conditions resulting in images with better contrast, clarity, resolution and depth of field. It provides improved image sharpness and increased image usability.

Video Streaming

Encoding of captured video for transmission over a data network. A number of encoding and compression technologies can be applied here, the most popular being Motion JPEG, MPEG-4 and H.264. Of most interest at present is H.264 which can optimise bandwidth and storage by up to 80% without compromising on image quality.

Onboard SD Recording

The ability to record to media in the camera itself, such as flash memory or removable SD card. Particularly useful for remote sites with no network, Wi-Fi or 3G connectivity and as a backup in case of a network failure.

Pan, Tilt, Zoom (PTZ)

The ability to remotely control a camera to pan (move from side to side), tilt (move up and down) and zoom in on a particular area of interest.

Passive Infrared (PIR)

PIR sensors measure infrared (IR) radiation from objects in its field of view. Used to detect movement.

Power over Ethernet (PoE)

The ability to transmit power to a remote IP camera over the data network. This eliminates the need for an independent main power supply and an AC adapter that might fail or be unplugged. With PoE a central Uninterruptible Power Supply (UPS) will also keep the cameras working in the event of a power cut.

Digital input/output (DI/DO)

Standard interfaces that enable a camera to communicate with external sensors (e.g. door and window sensors) and alarm systems.

Network Video Recorder (NVR)

An appliance or application designed to manage and record video streams from IP Surveillance cameras. These will, typically, record to hard disk with optional copying to other media such as recordable DVD and the cloud.

Open Network Video Interface Forum (ONVIF)



An open industry forum, of which D-Link is a member, for the development of a global standard for interfacing IP-based physical security products.

JustConnect™

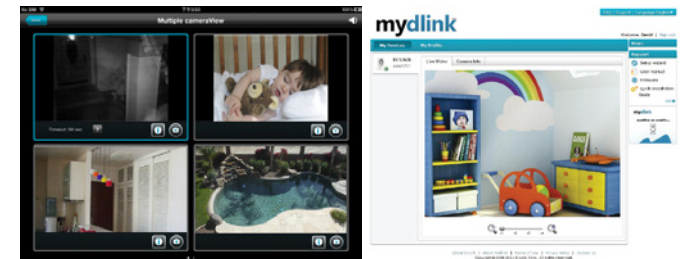
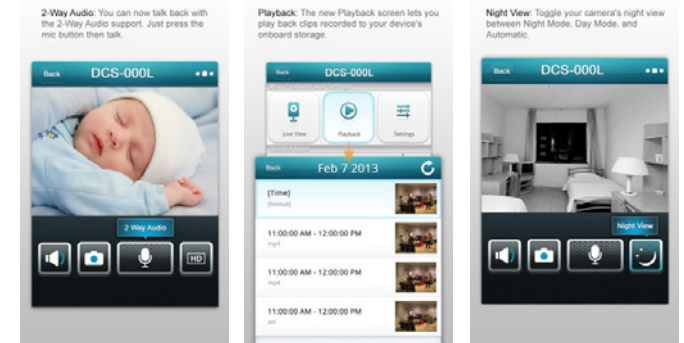
JustConnect™ (DNR-2060-08P) is a new standalone multifunctional network video recorder (NVR), designed to power a complete, end-to-end surveillance solution for small businesses. Supporting up to eight IP Surveillance cameras, it can be set up without the need for a PC and brings comprehensive surveillance capabilities to users of any level of technical knowledge. When connected to the Internet, the DNR-2060-08P supports remote monitoring in real time on a smart phone or tablet with the free JustConnect+ mobile app, so business owners can keep an eye on things from anywhere at any time.

mydlink™



mydlink is a unique cloud service that allows you to easily set up remote access and alerts from D-Link cloud products, on your smartphone and computer without complicated set up, from anywhere in the world.

mydlink-enabled network cameras offers a simple and easy solution to access your camera from anywhere around the world via the Internet. You can remotely monitor your home or business using a standard web browser or through the free and paid mobile apps available on Apple App Store or Google Play. You can even talk back through the app with 2-way audio support as well as playback recorded video clips from the onboard storage*. E-mail alerts notifies you whenever motion or sound* is detected.



*Available on certain models only. Please check product specification for more information