













D-Link IP Surveillance Solutions

		Fixed Cameras										Pan & Tilt	
		Indoor							Outdoor			Indoor	
													
Model	DCS-930L	DCS-932L	DCS-933L	DCS-942L	DCS-2132L	DCS-2136L	DCS-6045LKT	DCS-2310L	DCS-2330L	DCS-2332L	DCS-5020L	DCS-5222L	
Hardware Features	Image Sensor	1/5"VGA progressive scan CMOS	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	1/3"1 megapixel progressive scan CMOS	1/4"1 megapixel progressive scan CMOS	1/4"1 megapixel progressive scan CMOS	1/4"1 megapixel progressive scan CMOS	1/4"1 megapixel progressive scan CMOS	1/5"1 megapixel Progressive scan CMOS	1/4"1 megapixel Progressive scan CMOS
	Maximum Video Resolution (Ratio)	640 x 480	640 x 480	640 x 480	640 x 480	1280 x 720 (16:9) 1280 x 800 (other)	1280 x 720 (16:9) 1024 x 768 (other)	1280 x 720 (16:9) 640 x 480 (other)	1280 x 720 (16:9) 1280 x 800 (other)	1280 x 720 (16:9) 960 x 720 (other)	1280 x 720 (16:9) 1280 x 800 (other)	640 x 480	1280 x 720 (16:9) 632 x 352 (other)
	Lens	Fixed 5.01 mm, F2.8	Fixed 5.01 mm, F2.8	Fixed 3.15 mm, F2.8	Fixed 3.15 mm, F2.8	Fixed 3.45 mm, F2.0	Fixed 3.6 mm, F1.4	Fixed 3.3 mm, F2.0	Fixed 3.45 mm, F2.0	Fixed 3.45 mm, F2.0	Fixed 3.45 mm, F2.0	Fixed 2.2 mm, F2.0	Fixed 4.57 mm, F1.9
	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)	1 Lux (colour) 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) 0.5 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)	1 Lux (colour) 0.5 Lux (B&W) 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)
	Infrared-Cut Removable Filter		●	●	●	●		●	●	●	●	●	●
	IR Built-in		5 m	5 m	5 m	5 m	5 m (white light)	6 m	5 m	5 m	5 m	8 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°	45.3° / 34.5°	57.8° / 37.8°	64° / 46.5°	68.88° / 37.85°	57.8° / 37.8°	57.8° / 37.8°	57.8° / 37.8°	66.22° / 49.08°	45.7° / 29.5°
	PIR (Passive Infrared) sensor				●	●	●		●	●	●	●	●
	Motorised Pan/Tilt											●	●
	Pan Range											+170° to -170°	+170° to -170°
	Tilt Range											+95° to -25°	+90° to -25°
	Presets											●	●
	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	802.11a/b/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)						
802.3af PoE								●					
Digital Input/Output (DI/DO)													
Onboard Storage Card Slot				MicroSD SDHC (16GB included, max. 32GB)	MicroSD SDHC (max. 32GB)	1/1 MicroSD SDHC (16GB included, max. 32GB)	1/1 MicroSD SDHC (max. 32GB)	MicroSD SDHC (max. 32GB)	MicroSD SDHC (16GB included, max. 32GB)	MicroSD SDHC (max. 32 GB)		1/1 MicroSD SDHC (max. 32 GB)	
Software Features	Video Format	MJPEG	MJPEG	H.264 MJPEG	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MJPEG	H.264 MPEG-4 MJPEG	H.264 MJPEG	H.264 MPEG-4 MJPEG	H.264 MJPEG	H.264 MPEG-4 MJPEG
	Multi-Stream			●	●	●	●	●	●	●	●	●	●
	Mobile Stream	●	●		●	●	●	●	●	●	●	●	
	ONVIF Compliant					●	●	●	●	●	●		
	Digital Zoom	4x	4x	4x	4x	10x	10x	4x	10x	10x	10x	4x	4x
	Motion Detection	●	●	●	●	●	●	●	●	●	●	●	●
	Sound Detection			●				●				●	
	Event Recording				●	●	●	●	●	●	●		●
	E-Mail Notification	●	●	●	●	●	●	●	●	●	●	●	●
	with Snapshot	●	●	●	●	●	●	●	●	●	●	●	●
	with Video			●				●				●	
	Recording to NAS					●	●		●	●	●		●
IPv6 Support						●		●	●	●			

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™

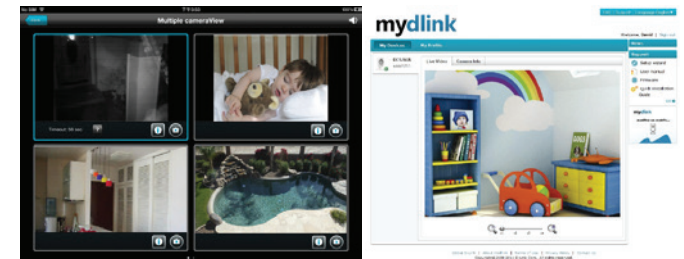
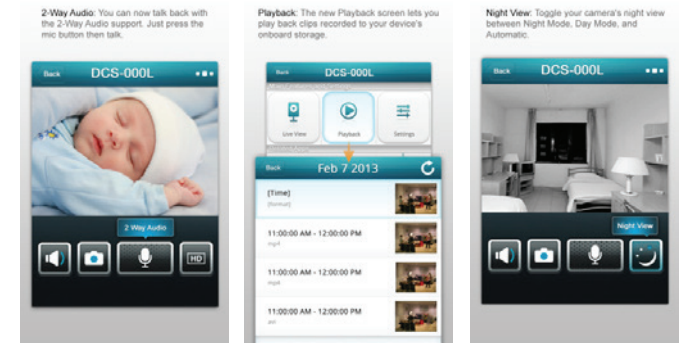
JustConnect™ (DNR-2060-08P) is a new standalone multifunctional network video recorder (NVR), designed to power a complete, end-to-end surveillance solution for small businesses. Supporting up to eight IP Surveillance cameras, it can be set up without the need for a PC and brings comprehensive surveillance 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

D-Link IP Surveillance Solutions

		Fixed Cameras										PT	PTZ	
		Indoor Wired & Wireless		Indoor Wired PoE						Indoor Fisheye	Indoor PoE Dome		Indoor Dome	
														
Model	DCS-2130	DCS-2230	DCS-2210	DCS-3010	DCS-3112	DCS-3710	DCS-3716	DCS-6010L	DCS-6004L	DCS-6113	DCS-5615	DCS-6616		
Hardware Features	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	1/4"1 megapixel progressive scan CMOS	1/4"1.3 megapixel progressive scan CMOS (Sony Exmor)	1/3"1.3 megapixel WDR progressive scan CMOS (Sony Exmor)	1/2.8"3 megapixel WDR progressive scan CMOS (Sony Exmor)	1/3.2"2 megapixel progressive scan CMOS	1/4"1 megapixel progressive scan CMOS	1/2.7"2 megapixel progressive scan CMOS	1/2.7" progressive scan CMOS	1/4" CCD (Sony Super HAD-II)	
	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) 1280 x 800 (other)	1280 x 720 (16:9) 1280 x 800 (other)	1280 x 720 (16:9) 1280x1024 (other)	1280 x 720 (16:9) 1280x1024 (other)	1920 x 1080 (16:9) 2048 x 1536 (other)	1600 x 1200	1280 x 800 (16:9) 1024 x 768 (other)	1920 x 1080 (16:9) 1280 x 1024 (other)	1920 x 1080 (16:9) 640 x 480 (other)	720 x 480 (PAL) 720 x 576 (NTSC)	
	Lens	Fixed 3.45 mm, F2.0	Fixed 4.37 mm, F2.0	Fixed 4.37 mm, F2.0	Fixed 4 mm, F1.5	DC iris varifocal 3.5 ~ 8 mm F1.4 CS mount	DC iris varifocal 2.9 ~ 8.2 mm F1.0 CS mount	DC iris varifocal 3.1 ~ 8 mm F1.2 CS mount	Fixed 1.25 mm, F2.0 fisheye	Fixed 2.8 mm, F1.8	Fixed 4.0 mm, F1.5	Fixed 4.0 mm, F1.5	Motorised varifocal 3.8 ~ 45.6 mm, F1.6 ~ 2.7	
	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)	1 lux	0.4 lux (colour) 0.04 lux (B&W)	0.2 lux (colour) 0.02 lux (B&W)	0.5 Lux (colour) 0.05 Lux (B&W)	1 Lux	1 lux (colour) 0 lux (B&W, IR-LED on)	0.12 lux (colour) 0 lux (B&W, IR-LED on)	0.12 Lux	0.1 Lux (colour) 0.01 Lux (B&W)	
	Infrared-Cut Removable Filter		●	●		●	●	●		●	●		●	
	IR Built-in		5 m	5 m						5 m	10 m			
	Wide Dynamic Range (WDR)						●	●					●	
	Angle Of View (H/V)	57.8° / 37.8°	67.4° / 40.8°	67.4° / 40.8°	56.9° / 35.9°	35.4°~77.6° / 26.6°~57.6°	35.6°~95° / 26.7°~69°	38.7°~95.9° / 29.1°~71°	180° / 180°	75.2° / 48.2°	77.4° / 45.1°	77.4°/45.1°	4.49°~52.8°/ 3.40°~39.7°	
	Optical Zoom					2.3x	2.8x	2.6x					12x	
	PIR (Passive Infrared) sensor		●	●										
	Motorised Pan/Tilt											●	●	
	Pan Range											+180° to - 180°	360° (endless)	
	Tilt Range											+90° to 10°	10° to 170°	
	Presets											●	●	
	Auto Cruise												●	
	Privacy Masks	3 zones	3 zones	3 zones	5 zones	3 zones	3 zones	3 zones	3 zones	3 zones	3 zones	5 zones	5 zones	16 zones
	Analogue Output					BNC	BNC	BNC				BNC		BNC
	2-Way Audio	●	●	●	●	●	●	●	●	●	●	●	●	●
Built-in Microphone	●	●	●	●				●	●		●		●	
Built-in Speaker		●	●					●						
External Microphone Input				●	●	●	●			●		●	●	
External Speaker Output	●			●	●	●	●		●	●		●	●	
Wireless LAN	802.11b/g/n	802.11b/g/n						802.11b/g/n						
802.3af PoE			●	●	●	●	●		●	●	●	●		
Digital Input/Output (DI/DO)	1/1	1/1	1/1		2/1	2/1	2/1			1/1	1/0		8/1	
Onboard Storage Card Slot	MicroSD SDHC (max. 32GB)	MicroSD SDHC (max. 32GB)	MicroSD SDHC (max. 32 GB)	MicroSD SDHC (max. 32 GB)	SD SDHC (max. 32GB)	SD SDHC (max. 32GB)	SD SDHC (max. 32GB)	MicroSD SDHC (max. 32GB)	MicroSD SDHC (max. 32GB)	MicroSD SDHC (max. 32GB)	MicroSD SDHC (max. 32GB)	H.264 MPEG-4 MJPEG		
Software Features	Video Format	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 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 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	
	Multi-Stream	●	●	●	●	●	●	●	●	●	●	●	●	
	Mobile Stream	●	●	●	●	●	●	●	3GPP	●	3GPP	●	●	
	ONVIF Compliant	●	●	●	●	●	●	●	●	●	●	●	●	
	Digital Zoom	10x	10x	10x	4x	10x	10x	10x	10x	10x	16x	16X	12X	
	Motion Detection	●	●	●	●	●	●	●	●	●	●	●	●	
	Tamper Detection				●						●			
	Event Recording	●	●	●	●	●	●	●	●	●	●	●	●	
	E-Mail Notification	●	●	●	●	●	●	●	●	●	●	●	●	
Recording to NAS	●	●	●	●	●	●	●	●	●	●	●	●		
IPv6 Support							●	●	●	●	●			

D-Link IP Surveillance Solutions

		Fixed Cameras									PTZ	
		Outdoor Bullet				Outdoor Dome					Outdoor Speed Dome	
												
Model		DCS-7010L	DCS-7110	DCS-7413	DCS-7513	DCS-6210	DCS-6314	DCS-6315	DCS-6511	DCS-6513	DCS-6815	DCS-6915
Hardware Features	Image Sensor	1/4"1 megapixel progressive scan CMOS	1/4"1 megapixel progressive scan CMOS	1/2.7"2 megapixel progressive scan CMOS	1/2.8"2 megapixel WDR progressive scan CMOS (Sony Exmor)	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	1/4" CCD (Sony Super HAD-II)	1/2.8" CNIS (Sony Exmor)
	Maximum Video Resolution (Ratio)	1280 x 720 (16:9) 1280 x 800 (other)	1280 x 720 (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) 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)	720 x 480 (PAL) 720 x 576 (NTSC)	1920 x 1080 (16:9) 1280 x 1024 (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	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 ~ 3.6	Motorised P-Iris varifocal 3 ~ 9 mm, F1.2 ~ 2.3	Motorised varifocal 3.4 ~ 61.2 mm, F1.4 ~ 3.0	Motorised varifocal 4.7 ~ 94 mm, F1.6 ~ 3.5
	Minimum Illumination (Lux)	1.5 Lux (colour) 0 Lux (B&W, IR-LED on)	0.26 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)	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)	0.1 Lux (colour) 0.01 Lux (B&W)	0.1 Lux (colour) 0.01 Lux (B&W)
	Infrared-Cut Removable Filter	●	●	●	●	●	●	●	●	●	●	●
	IR Built-in	10 m	15 m	30 m	30 m		15 m	15 m	20 m	20 m		
	Wide Dynamic Range (WDR)				●		●	●	●	●	●	●
	LowLight+							●				
	Angle Of View (H/V)	47° / 37°	53.1° / 33.7°	79° / 43°	121.2°~38.1° / 62.1°~ 21.3°	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°	3.6°~60.8° (H)	4.07°~52.27° / 2.33°~33.4°
	Optical Zoom				3x		4x	4x	3.6x	3x	18x	20x
	Motorised Pan/Tilt										●	●
	Pan Range										360° (endless)	360° (endless)
	Tilt Range										-10° to 190°	-10° to 190°
	Presets										●	●
	Auto Cruise										●	●
Software Features	Privacy Masks	5 zones	5 zones	3 zones	3 zones	3 zones	3 zones	3 zones	3 zones	3 zones	16 zones	16 zones
	Analogue Output		●	BNC	BNC				BNC		BNC	
	Vandal Proof					IK10	IK10	IK10	IK10	IK10	IK10	IK10
	2-Way Audio	●		●	●		●	●	●	●	●	●
	Built-in Microphone					●						
	External Microphone Input	●		●	●		●	●	●	●	●	●
	External Speaker Output	●		●	●		●	●	●	●	●	●
	802.3af PoE	●	●	●	●	●	●	●	●	●		
	Digital Input/Output (DI/DO)	1/1	1/1	1/1	1/1		1/1	1/1	1/1	1/1	8/1	4/2
	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. 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 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 MPEG-4 MJPEG	MPEG-4 MJPEG	MPEG-4 MJPEG
	Multi-Stream	●	●	●	●	●	●	●	●	●	●	●
	Mobile Stream	●	●	●	●	●	●	●	●	●	●	●
	ONVIF	●	●	●	●	●	●	●	●	●	●	●
	Digital Zoom	4x	4x	10x	10x	10x	10x	10x	10x	10x	12X	10X
	Motion Detection	●	●	●	●	●	●	●	●	●	●	●
	Tamper Detection		●									
	Event Recording	●	●	●	●	●	●	●	●	●	●	●
	E-Mail Notification	●	●	●	●	●	●	●	●	●	●	●
	Recording to NAS	●	●	●	●	●	●	●	●	●		●
	IPv6 Support	●	●	●	●	●	●	●	●	●		
Compatible Mount Accessories							DCS-34-2, DCS-34-3	DCS-34-2, DCS-34-3	DCS-34-2, DCS-34-3	DCS-34-2, DCS-34-3	DCS-32-2, DCS-32-4	DCS-32-2, DCS-32-4

D-Link IP Surveillance Solutions

DNR-2060-08P JustConnect™ Multifunctional Network Video Recorder

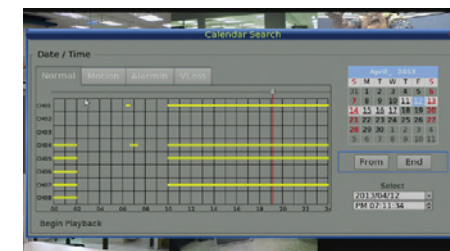
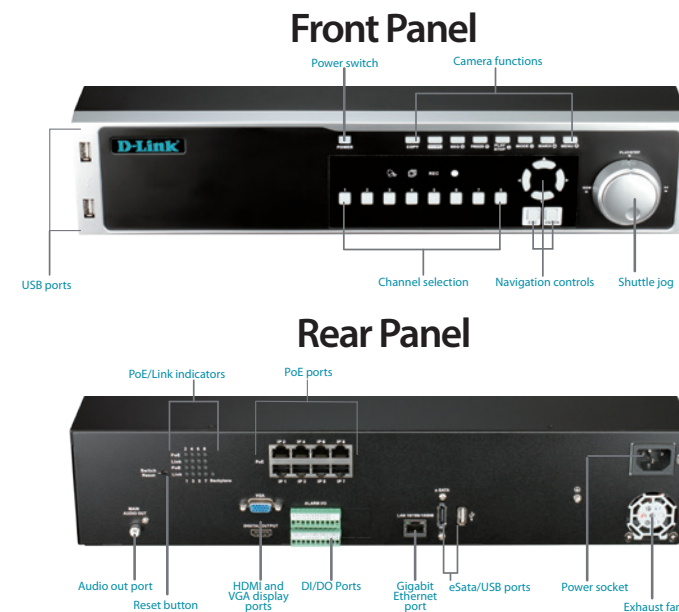
The DNR-2060-08P JustConnect™ Multifunctional Network Video Recorder is a comprehensive standalone network video display, storage, and management solution providing reliable high-quality monitoring for IP-based security systems. The DNR-2060-08P enables simultaneous recording and remote access to recorded videos as well as live view. Controlling the DNR-2060-08P is exceptionally easy using conventional front panel controls, or with an optional keypad and mouse, or remote control handset. The highly flexible, simple-to-configure, and manage make the DNR-2060-08P a cost-effective upgrade addition to your security and surveillance infrastructure.

Robust Management Software

The standalone DNR-2060-08P includes a complete surveillance software package that enables you to view, manage, store, record, and search through footage from up to eight cameras in a central location, without the need of a computer. Recordings and e-mail alerts can be triggered through motion detection or events triggered by digital input devices, keeping administrators informed of any unusual activity.

Connectivity

The DNR-2060-08P has eight built-in 802.3at compliant PoE+ ports that simplifies camera installation by providing both power and network connectivity through a simple cable. Not only does this save overall installation cost by eliminating the need to install separate electrical wiring and power outlet, PoE+ allows you to power even the most demanding cameras. In addition, the included digital input and output connector enables further integration to external devices such as switches and alarm relays.



Hardware Features	NVR			
	Model	DNR-312L	DNR-322L	DNR-2060-08P
	Simultaneous Recording	9 channels	9 channels	8 channels
	Simultaneous Playback	9 channel	1 channel	8 channels
	Local Display	HDMI		VGA, HDMI
	Front Panel Controls			•
	PoE+ Switch Ports			8
	Live View	•	•	•
	UPS Support via USB	•	•	•
	Remote Backup	•	•	•
Hardware Features	RAID Support		•	•
	E-Mail Notification	•	•	•
	Search	•	•	•
	Manual/Continuous Recording	•	•	•
	Scheduled/Triggered Event Recording	•	•	•
	3rd party Camera Support		•	
	mydlink Support	•	•	

Video Encoders	
Hardware Features	Model
	DVS-310-1
	Maximum Video Resolution
	RS-485 Interface
	2-Way Audio
	External microphone input
	External Speaker Output
	Digital Input/Output (DI/DO)
	External Card Slot
	Video Format
Hardware Features	Dual-Stream
	Multi-Profile
	Motion Detection
	E-Mail Notification
	Power over Ethernet