

The background of the entire page is a light gray with a repeating pattern of network-related terms in a large, bold, sans-serif font. The terms include 'ROUTERS', 'EXTENDERS', 'ACCESS POINTS', 'SWITCHING', 'BUSINESS WIRE', 'POWERLINE', 'DOMOTICA', 'VIDEOVIGILANCIA', and 'GIGABIT'. Overlaid on this background is a large, abstract graphic in shades of teal and blue, resembling a stylized map of the Americas or a network of interconnected nodes. The D-Link logo is positioned at the top left of this graphic.

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SWITCHING

Fast Ethernet
Unmanaged
Switches

[illegible]

Gigabit
Unmanaged
Switches

[illegible]

Fast Ethernet
Smart
Switches

The image displays a variety of Cisco Fast Ethernet Smart Switches, including models like the WS-C2960, WS-C2960S, WS-C2960X, WS-C2960D, WS-C2960K, and WS-C2960L. These switches are designed for high-speed data transfer and are commonly used in enterprise networks.

	Model	DES-1100-16	DES-1100-24	DES-1210-08P	DES-1210-28	DES-1210-28P	DES-1210-52
Hardware	Number of Fast Ethernet ports	16	24	8	24	24	48
	Number of Gigabit ports				2	2	2
	Number of Combo 1000BASE-T/ SFP ports				2	2	2
	Number of SFP ports						
	Switching capacity	3.2 Gbps	4.8 Gbps	1.6 Gbps	12.8 Gbps	12.8 Gbps	17.6 Gbps
	PoE standards			802.3af		802.3af, 802.3at	
	PoE power budget			72W		193W	
	PoE capable ports			Port 1-8, up to 15.4W		Port 1-4, up to 30 W Port 5-24, up to 15.4 W	
	Fanless	-	-	-	-		-
	D-Link Green			-	-	-	-
L2	802.3ae EEE						
	Virtual stacking (device)						
	MAC address	8K	8K	8K	8K	8K	16K
	802.1D STP, 802.1w RSTP, 802.1s MSTP			802.1D, 802.1w	802.1D, 802.1w	802.1D, 802.1w	802.1D, 802.1w
	802.3ad link aggregation / port trunking	Static trunk	Static trunk	802.3ad	802.3ad	802.3ad	802.3ad
VLAN	VLAN group (max static)	32	32	256	256	256	256
	Port / MAC / protocol-based VLAN, GVRP	Port	Port				
	Asymmetric VLAN			-	-	-	-
	Auto Voice / Surveillance VLAN			-	-	-	-
L3	IPv4/IPv6 routing table						
	IP interfaces						
	IPv6 Core Ready Logo Phase 2			-	-	-	-
	Routing table size						
	Static route for IPv4/IPv6						
QoS	Number of queues per port	2	2	4	4	4	4
	CoS based on contents			-	-	-	-
	Bandwidth control (min. granularity)	- (512Kbps)	- (512Kbps)	- (64Kbps)	- (64Kbps)	- (64Kbps)	- (64Kbps)
ACL	ACL (Ingress / Egress /VLAN-based)			- (Ingress)	- (Ingress)	- (Ingress)	- (Ingress)
	Based on packet contents			-	-	-	-
Security	SSH, SSL (v1/v2/v3)			SSL	SSL	SSL	SSL
	Smart Binding			-	-	-	-
	ARP spoofing			-	-	-	-
	802.1X access control			-	-	-	-
Management	RADIUS			-	-	-	-
	SNMP (v1/v2c/v3), RMON v1			-	-	-	-
	LLDP-MED			-	-	-	-
	ICMPv6			-	-	-	-

"Switches para cualquier entorno, desde el núcleo al extremo de red; cobre o fibra, Ethernet, Gigabit y 10G. Desde gestionados xStack L3 a Easy Smart o sin gestión, pasando por la extensa gama Smart para la máxima versatilidad."

"Nuestro completo abanico de switches PoE aumentan la flexibilidad en el despliegue de puntos de acceso, cámaras y teléfonos IP con puertos PoE (15.4W por puerto), PoE+ (30W por puerto) y PoE++ (hasta 90W por puerto)."

Gigabit
Easy Smart
Switches

PoE Powered

The image displays a series of 12 H3C network switches arranged horizontally. The first switch on the left is a PoE-powered model, indicated by the 'PoE Powered' label above it. The remaining 11 switches are standard Gigabit switches. Each switch features a black front panel with a series of ports and status indicators. The H3C logo is visible on the top right of each unit.

[illegible]

Gigabit Smart Switches

[illegible]

“Optimiza la instalación de cámaras y teléfonos IP con las funciones avanzadas AutoSurveillance VLAN y AutoVoice VLAN para la segmentación y priorización del tráfico en sistemas profesionales de Videovigilancia y VoIP.”

“Los Switches Gestionables y Smart cuentan con Garantía Limitada de por Vida, que D-Link extiende hasta cinco años después de descatalogar el producto. Soporte gratuito durante la vida útil del producto.”

Gigabit and 10 Gigabit Smart Switches

Gigabit Stackable Smart Managed with 10G Uplinks								10 Gigabit Smart Managed				
Model	DGS-1510-20	DGS-1510-28	DGS-1510-28P	DGS-1510-28X	DGS-1510-28XMP	DGS-1510-52	DGS-1510-52X	DXS-1100-10TS	DXS-1100-16SC	DXS-1210-10TS	DXS-1210-12TC	DXS-1210-16TC
Number of Gigabit ports	16	24	24	24	24	48	48			8	8	12
Number of 10GBASE-T ports								8				
Number of Combo 1000BASE-T/SFP ports									2		2	2
Number of optional 10G uplinks or stacking ports												
Number of SFP ports	2	2	2		4	2	4	2	14	2	2	2
Number of 10G SFP+ ports	2	2	2	4	4	2	4	2		2	2	2
Switching capacity	76 Gbps	92 Gbps	92 Gbps	128 Gbps	128 Gbps	140 Gbps	176 Gbps	200 Gbps	320 Gbps	200 Gbps	240 Gbps	320 Gbps
PoE standards			802.3af, 802.3at		802.3af, 802.3at							
PoE power budget			193 W		370 W							
PoE capable ports			Port 1-24, up to 30 W		Port 1-24, up to 30 W							
Fanless												
Smart fan	1	1		1	2	2	2	2	2	2	2	2
D-Link Green	*	*	*	*	*	*	*	*	*	*	*	*
802.3ae EEE	*	*	*	*	*	*	*	*	*	*	*	*
Physical stacking (device / max Bandwidth)	• (6/40G)	• (6/40G)	• (6/40G)	• (6/40G)	• (6/40G)	• (6/40G)	• (6/40G)					
Virtual stacking (device)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)					
MAC address	16K	16K	16K	16K	16K	16K	16K	16K	16K	16K	16K	16K
802.1D STP, 802.1w RSTP, 802.1s MSTP	*	*	*	*	*	*	*	*	*	*	*	*
802.3ad, 802.1AX link aggregation	802.3ad	802.3ad	802.3ad	802.3ad	802.3ad	802.3ad	802.3ad	*	*	802.3ad	802.3ad	802.3ad
VLAN group (max static)	4K	4K	4K	4K	4K	4K	4K	4K	4K	4K	4K	4K
Port / MAC / protocol-based VLAN, GVRP	Port, GVRP	Port, GVRP	Port, GVRP	Port, GVRP	Port, GVRP	Port, GVRP	Port, GVRP	Port	Port	Port, GVRP	Port, GVRP	Port, GVRP
Asymmetric VLAN	*	*	*	*	*	*	*	*	*	*	*	*
Auto Voice/Surveillance VLAN	*	*	*	*	*	*	*	*	*	*	*	*
IP interfaces	8	8	8	8	8	8	8	*	*	16	16	16
IPv6 Core Ready Logo Phase 2	*	*	*	*	*	*	*					
Routing table size	128	128	128	128	128	128	128			768	768	768
Static route for IPv4/IPv6	64 / 32	64 / 32	64 / 32	64 / 32	64 / 32	64 / 32	64 / 32	8	8	32 / 32	32 / 32	32 / 32
Number of queues per port	8	8	8	8	8	8	8			8	8	8
CoS based on contents	*	*	*	*	*	*	*					
Bandwidth control (min. granularity)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)	• (64 Kbps)
Time-based QoS	*	*	*	*	*	*	*					
ACL (Ingress / Egress / VLAN-based)	• (VLAN)	• (VLAN)	• (VLAN)	• (VLAN)	• (VLAN)	• (VLAN)	• (VLAN)			• (VLAN)	• (VLAN)	• (VLAN)
Based on packet contents	*	*	*	*	*	*	*					
Time-based ACL	*	*	*	*	*	*	*					
SSH, SSL (v1/v2/v3)	*	*	*	*	*	*	*	SSL (v1/v2/v3)	SSL (v1/v2/v3)	*	*	*
IP-MAC-port binding (IMPB)	*	*	*	*	*	*	*			*	*	*
ARP spoofing	*	*	*	*	*	*	*	*	*	*	*	*
802.1X access control	*	*	*	*	*	*	*			*	*	*
RADIUS	*	*	*	*	*	*	*			*	*	*
SNMP (v1/v2c/v3), RMON v1	*	*	*	*	*	*	*	*	*	*	*	*
LLDP-MED	*	*	*	*	*	*	*	*	*	*	*	*
ICMPv6	*	*	*	*	*	*	*	*	*	*	*	*

Layer 2 Gigabit Managed Switches

Layer 2+ Gigabit Managed					
Model	DGS-3000-10TC	DGS-3000-28LP	DGS-3000-28X	DGS-3000-28XMP	DGS-3000-52X
Number of Gigabit ports	8	24 PoE	24	24 PoE	48
Number of Combo 1000BASE-T/SFP ports	2				
Number of SFP ports		4			
Number of optional 10G uplinks or stacking ports			4	4	4
Switching capacity	20 Gbps	56 Gbps	128 Gbps	128 Gbps	176 Gbps
PoE standards		802.3 af / 802.3 at		802.3 af / 802.3 at	
PoE power budget		193 W		370 W	
PoE capable ports		24		24	
Physical stacking (device / max bandwidth)					
Virtual stacking (device)	• (32)		• (32)	• (32)	• (32)
MAC address	16K	16K	16K	16K	16K
802.1D STP, 802.1w RSTP, 802.1s MSTP	*	*	*	*	*
Ethernet ring protection switching (ERPS)	*	*	*	*	*
802.3ad, 802.1AX link aggregation	*	*	*	*	*
VLAN group (max static)	4K	4K	4K	4K	4K
Port / MAC / protocol-based VLAN, GVRP	GVRP				
Port-based double VLAN	*	*	*	*	*
Selective double VLAN	*	*	*	*	*
ISM VLAN	*	*	*	*	*
Voice VLAN	*	*	*	*	*
IPv4/IPv6 routing table	*	*	*	*	*
IPv4/IPv6 forwarding table	*	*	*	*	*
IP interfaces			16	16	16
IPv6 neighbour discovery (ND)	*	*	*	*	*
Static route for IPv4/IPv6			64 / 32	64 / 32	64 / 32
Number of queues per port	8	8	8	8	8
CoS based on contents	*	*	*	*	*
Bandwidth control (min. granularity)	• (64Kbps)	• (64Kbps)	• (64Kbps)	• (64Kbps)	• (64Kbps)
Time-based QoS	*	*	*	*	*
ACL (Ingress)	*	*	*	*	*
Based on packet contents	*	*	*	*	*
Time-based ACL	*	*	*	*	*
SSH, SSL (v1/v2/v3)	*	*	*	*	*
IP-MAC-port binding (IMPB)	*	*	*	*	*
ARP spoofing, BPDU attack protection	*	*	*	*	*
802.1X access control	*	*	*	*	*
Microsoft NAP support	*	*	*	*	*
RADIUS/TACACS+ authentication	*	*	*	*	*
SNMP (v1/v2c/v3), RMON v1/v2	*	*	*	*	*
sFlow	*	*	*	*	*
LLDP-MED	*	*	*	*	*
ICMPv6	*	*	*	*	*

Layer 2 Gigabit Stackable Managed Switches

Layer 2+ Gigabit Managed						
Model	DGS-3120-24TC/SI	DGS-3120-24PC/SI	DGS-3120-24SC/SI	DGS-3120-48TC/SI	DGS-3120-48PC/SI	DGS-3120 EI
Number of Gigabit ports	20	20		44	44	See specific switch model
Number of Combo 1000BASE-T/SFP ports	4	4		4	4	See specific switch model
Number of SFP ports			16			See specific switch model
Number of optional 10G uplinks or stacking ports	2	2	2	2	2	See specific switch model
Switching capacity	88 Gbps	88 Gbps	88 Gbps	136 Gbps	136 Gbps	See specific switch model
PoE standards		802.3af, 802.3at		802.3af, 802.3at	802.3af, 802.3at	See specific switch model
PoE power budget		370 W (740 W with DPS-700 RPS)		370 W (740 W with DPS-700 RPS)	370 W (740 W with DPS-700 RPS)	See specific switch model
PoE capable ports		Ports 1-24, up to 30 W		Ports 1-48, up to 30 W	Ports 1-48, up to 30 W	
Physical stacking (device / max bandwidth)	• (6/40G)	• (6/40G)	• (6/40G)	• (6/40G)	• (6/40G)	• (6/40G)
Virtual stacking (device)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)
MAC address	16K	16K	16K	16K	16K	16K
802.1D STP, 802.1w RSTP, 802.1s MSTP	*	*	*	*	*	*
Ethernet ring protection switching (ERPS)	*	*	*	*	*	*
802.3ad, 802.1AX link aggregation	802.3ad	802.3ad	802.3ad	802.3ad	802.3ad	802.3ad
VLAN group (max static)	4K	4K	4K	4K	4K	4K
Port / MAC / protocol-based VLAN, GVRP	*	*	*	*	*	*
Port-based double VLAN	*	*	*	*	*	*
Selective double VLAN	*	*	*	*	*	*
ISM VLAN	*	*	*	*	*	*
Voice VLAN	*	*	*	*	*	*
IPv4/IPv6 routing table	*	*	*	*	*	512 / 512
IPv4/IPv6 forwarding table	*	*	*	*	*	2K / 1K
IP interfaces						16
IPv6 Ready Logo, IPv6 neighbour discovery (ND)	*	*	*	*	*	*
Static route for IPv4/IPv6						512
Number of queues per port	8	8	8	8	8	8
CoS based on contents	*	*	*	*	*	*
Bandwidth control (min. granularity)	• (64Kbps)	• (64Kbps)	• (64Kbps)	• (64Kbps)	• (64Kbps)	• (64Kbps)
Time-based QoS	*	*	*	*	*	*
ACL (Ingress / Egress / VLAN-based)	• (Ingress / VLAN-based)	• (Ingress / VLAN-based)	• (Ingress / VLAN-based)	• (Ingress / VLAN-based)	• (Ingress / VLAN-based)	*
Based on packet contents	*	*	*	*	*	*
Time-based ACL	*	*	*	*	*	*
SSH, SSL (v1/v2/v3)	*	*	*	*	*	*
IP-MAC-port binding (IMPB)	*	*	*	*	*	*
ARP spoofing, BPDU attack protection	*	*	*	*	*	*
802.1X access control	*	*	*	*	*	*
Microsoft NAP support	*	*	*	*	*	*
RADIUS/TACACS+ authentication	*	*	*	*	*	*
SNMP (v1/v2c/v3), RMON v1/v2	*	*	*	*	*	*
sFlow	*	*	*	*	*	*
LLDP-MED	*	*	*	*	*	*
ICMPv6	*	*	*	*	*	*

Layer 2+ Gigabit & 10 Gigabit Managed Switches

		Layer 2+ Gigabit Managed					Layer 2+ 10 Gigabit Managed	
								
Model		DGS-3420-28TC	DGS-3420-28SC	DGS-3420-28PC	DGS-3420-52T	DGS-3420-52P	DXS-3400-24TC	DXS-3400-24SC
Hardware	Number of Gigabit ports	20		20	48	48	20	
	Number of 10GBASE-T ports							
	Number of Combo 1000BASE-T/SFP ports	4	4	4				
	Number of Combo 10GBASE-T/SFP+ ports						4	4
	Number of SFP ports		20					
	Number of 10G SFP+ ports	4	4	4	4	4		20
	Switching capacity	128 Gbps	128 Gbps	128 Gbps	176 Gbps	176 Gbps	480 Gbps	480 Gbps
	PoE standards			802.3af, 802.3at		802.3af, 802.3at		
	PoE power budget			370 W (740 W with DPS-700 RPS)		370 W (740 W with DPS-700 RPS)		
	PoE capable ports			Ports 1-24, up to 30 W		Ports 1-48, up to 30 W		
L2	Physical stacking (device / max bandwidth)	• (12/40G)	• (12/40G)	• (12/40G)	• (12/40G)	• (12/40G)	• (4/80G)	• (4/80G)
	Virtual stacking (device)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)	• (32)
	MAC address	16K	16K	16K	16K	16K	48K	48K
	802.1D STP, 802.1w RSTP, 802.1s MSTP	*	*	*	*	*	*	*
	Ethernet ring protection switching (ERPS)	*	*	*	*	*	*	*
	802.3ad, 802.1AX link aggregation	*	*	*	*	*	• (802.1AX only)	• (802.1AX only)
	VLAN group (max static)	4K	4K	4K	4K	4K	4K	4K
	Port / MAC / protocol-based VLAN, GVRP	*	*	*	*	*	*	*
	Port-based / selective double VLAN	*	*	*	*	*	*	*
	ISM / voice VLAN	*	*	*	*	*	*	*
L3	DCB - 802.1Qbb, 802.1Qaz						*	*
	IPv4/IPv6 routing table	1K / 512	1K / 512	1K / 512	1K / 512	1K / 512	4K / 1K	4K / 1K
	IPv4/IPv6 forwarding table	2K / 1K	2K / 1K	2K / 1K	2K / 1K	2K / 1K	32K / 16K	32K / 16K
	IPv6 Ready Logo, IPv6 neighbour discovery (ND)	*	*	*	*	*	*	*
	Static route for IPv4/IPv6	256	256	256	256	256	256 / 128	256 / 128
	RIP v1/v2, RIPng	*	*	*	*	*	*	*
	Number of queues per port	8	8	8	8	8	8	8
	CoS based on contents	*	*	*	*	*	*	*
	Bandwidth control (min. granularity)	• (64Kbps)	• (1Kbps)	• (1Kbps)	• (1Kbps)	• (1Kbps)	• (64Kbps)	• (64Kbps)
	Time-based QoS	*	*	*	*	*	*	*
ACL	ACL (Ingress / Egress / VLAN-based)	• (Ingress / Egress / VLAN-based)	• (Ingress / Egress / VLAN-based)	• (Ingress / Egress / VLAN-based)	• (Ingress / Egress / VLAN-based)	• (Ingress / Egress / VLAN-based)	• (Ingress / Egress / VLAN-based)	• (Ingress / Egress / VLAN-based)
	Time-based ACL	*	*	*	*	*	*	*
Security	SSH, SSL (v1/v2/v3)	*	*	*	*	*	*	*
	IP-MAC-port binding (IMPB)	*	*	*	*	*	*	*
	ARP spoofing, BPDU attack protection	*	*	*	*	*	*	*
	802.1X access control	*	*	*	*	*	*	*
Management / AAA	Microsoft NAP support	*	*	*	*	*	*	*
	RADIUS/TACACS+ authentication	*	*	*	*	*	*	*
	SNMP (v1/v2c/v3), RMON v1/v2	*	*	*	*	*	*	*
	sFlow, LLDP-MED, ICMPv6	*	*	*	*	*	*	*
	802.3ah, 802.1ag, ITU-T Y.1731	*	*	*	*	*	*	*

Layer 3 Managed
Gigabit & 10
Gigabit Switches

															
Model		DGS-3630-28TC/SI		DGS-3630-28SC/SI		DGS-3630-52T/SI		DGS-3630 EI		DGS-3630 MI		DXS-3600-32S/SI		DXS-3600 EI	
Hardware	Number of Gigabit ports	20		20		48		See specific switch model		See specific switch model					
	Number of Combo 1000BASE-T/SFP ports	4		4				See specific switch model		See specific switch model					
	Number of SFP ports			20				See specific switch model		See specific switch model					
	Number of 10G SFP+ ports	4		4		4		See specific switch model		See specific switch model		24		See specific switch model	
	Number of open slots											1		See specific switch model	
L2	Switching capacity	128 Gbps		128 Gbps		176 Gbps		See specific switch model		See specific switch model		960 Gbps		See specific switch model	
	Physical stacking (device / max bandwidth)	• (9/80G)		• (9/80G)		• (9/80G)		• (9/80G)		• (9/80G)		• (4/80G)		See specific switch model	
	Virtual stacking (device)	• (32)		• (32)		• (32)		• (32)		• (32)		• (32)			
	Switch Resource Management	IP / LAN / L2 VPN modes		IP / LAN / L2 VPN modes		IP / LAN / L2 VPN modes									
	MAC address	Up to 68K		Up to 68K		Up to 68K		32K		32K		128K		128K	
VLAN	802.1D STP, 802.1w RSTP, 802.1s MSTP	•		•		•		•		•		•		•	
	Ethernet ring protection switching (ERPS)	• (ERPSv2)		• (ERPSv2)		• (ERPSv2)		•		•		•		•	
	802.3ad, 802.1AX link aggregation	•		•		•		•		•		802.1AX		802.1AX	
	VLAN group (max static)	4K		4K		4K		4K		4K		4K		4K	
	Port / MAC / protocol-based VLAN, GVRP	•		•		•		•		•		•		•	
L3	Port-based, selective double VLAN	•		•		•		•		•		•		•	
	ISM, Voice VLAN	•		•		•		•		•		Super/ISM VLAN		Super/ISM VLAN	
	Super VLAN														
	DCB - 802.1Qbb, 802.1Qaz	802.1Qbb (10G port only)		802.1Qbb (10G port only)		802.1Qbb (10G port only)		802.1Qbb (10G port only)		802.1Qbb (10G port only)		•		•	
	IPv4/IPv6 routing table	16K / 8K		16K / 8K		16K / 8K		16K / 8K		16K / 8K		16K / 8K		16K / 8K	
MPLS	IPv4/IPv6 forwarding table	32K / 16K		32K / 16K		32K / 16K		32K / 16K		32K / 16K		8K / 4K		8K / 4K	
	IP interfaces	256		256		256		256		256		256		256	
	Pv6Ready Logic, IPv6 neighbor discovery (ND)	• (pre-test only)		• (pre-test only)		• (pre-test only)		• (pre-test only)		• (pre-test only)		•		•	
	Static route for IPv4/IPv6	512 / 256		512 / 256		512 / 256		512 / 256		512 / 256		•		•	
	IPv6 tunneling														
CoS	Multicasting	•		•		•		•		•		•		•	
	PIM-DM/SM, DVMRPv3														
	RIP v1/v2, RIPv2	•		•		•		•		•		•		•	
	OSPFv2/v3, BGP4/BGP4														
	IS-IS, IS-ISv6													• (OSPFv2/v3, BGP4)	
ACL	MPLS														
	VPLS														
	Number of queues per port	8		8		8		8		8		8		8	
	CoS based on contents	•		•		•		•		•		•		•	
	Bandwidth control (min. granularity)	• (8Kbps)		• (8Kbps)		• (8Kbps)		• (8Kbps)		• (8Kbps)		• (8Kbps)		• (8Kbps)	
Security	Single/two rate Three Colour Marker	•		•		•		•		•		•		•	
	ACL (Ingress / Egress / VLAN-based)	•		•		•		•		•		•		•	
	Based on packet contents	•		•		•		•		•		•		•	
	SSH, SSL (v1/v2/v3)	•		•		•		•		•		•		•	
	IP-MAC-port binding (IMPB)	•		•		•		•		•		•		•	
Management	ARP spoofing, BPDU attack protection	•		•		•		•		•		•		•	
	802.1X access control, Microsoft NAP	•		•		•		•		•		•		•	
	RADIUS/TACACS+ authentication	•		•		•		•		•		•		•	
	SNMP (v1/v2c/v3), RMON v1/v2, sFlow	•		•		•		•		•		• (excl. sFlow)		• (excl. sFlow)	
	LLDP-MED	•		•		•		•		•		•		•	
Wireless	ICMPv6	•		•		•		•		•		•		•	
	802.3ah, 802.1ag, ITU-T.Y.1731	•		•		•		•		•		•		•	

Complementos
Switching

SFP/SFP+ Transceivers

DEM-310GT
Gigabit Ethernet SFP Transceiver, 1000Base-LX, Duplex LC, 10 km Single Mode

DEM-311GT
Gigabit Ethernet SFP Transceiver, 1000Base-SX, Duplex LC, Multimodo (550m)

DGS-712
Gigabit SFP Transceiver, 1000Base-T, Copper Cat.5 RJ-45 cable (100m)

DEM-431XT
10 Gigabit SFP+/XFP, 10GBase-SR, Duplex LC, Multimodo (300m)

DEM-432XT
10 Gigabit SFP+/XFP, 10GBase-LR, Duplex LC, Single Mode

Cables Stacking&Uplink

DEM-CB50CKP
CXP Direct Attach, SFP MSA, 50 cm, Physical Stacking Cable for DXS-3600-32S Switch/SDXS-3600-EM-Stack Module

DEM-CB100
Infiniband, 10GBase-CX4, 100cm, Physical Stacking Cable or Uplink Cable for DGS-3120 Series

DEM-CB100S
SFP+ Direct Attach, 10GBase-CX4, 100cm, recommended for D-Link Switching solutions only

DEM-CB300
Infiniband, 10GBase-CX4, 300cm, Physical Stacking Cable or Uplink Cable for DGS-3120 Series

DEM-CB300S
SFP+ Direct Attach, SFP MSA, 10G, 300cm, recommended for D-Link Switching solutions only

Tarjetas de red 10G PCI Express

DXE-820T
10 GbE Ethernet PCI Express adapter, 10GBase-T, PCI Express 2.0 x8 Interface, 2 ports

Fuentes de alimentación redundantes

DPS-200A
60W, 90 to 264V AC, mounting options at 19" rack unit (DPS-800, 2 power supply slots)

DPS-500A
140W, 90 to 264V AC, mounting options at 19" rack unit (DPS-800, 2 power supply slots)

DPS-700
589W, 90 to 264V AC with 19" Rack, 1U





El Sistema de Gestión de Redes que se adapta a tus necesidades

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“Puntos de Acceso de interior y exterior, Standalone o Centralizados mediante hardware o software. Sin costes adicionales ni licencias. Soporte PoE para flexibilizar la instalación. Soluciones Dual Band, WiFi AC y Wave 2.”

Unified Wireless / hardware controller

																		
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Standalone / Software unified

802.11ac Wave 2

802.11ac Wave 2

	Model	DAP-1665	DAP-2020	DAP-2230	DAP-2310	DAP-2360	DAP-2610	DAP-2660	DAP-2695	DAP-3320	DAP-3662
Hardware	Wireless standards	Simultaneous a/n/ac (Wave 2) and b/g/n	b/g/n	b/g/n	b/g/n	b/g/n	Simultaneous a/n/ac (Wave 2) and b/g/n	Simultaneous a/n/ac and b/g/n	Simultaneous a/n/ac and b/g/n	b/g/n	Simultaneous a/n/ac and b/g/n
	Wireless frequency range	2.4 to 2.4835 GHz 5.15 to 5.875 GHz	2.4 to 2.4835 GHz	2.4 to 2.4835 GHz	2.4 to 2.4835 GHz	2.4 to 2.4835 GHz	2.4 to 2.4835GHz 5.15 to 5.875GHz	2.4 to 2.4835 GHz 5.15 to 5.875 GHz	2.4 to 2.4835 GHz 5.15 to 5.875 GHz	2.4 to 2.4835 GHz	2.4 to 2.4835 GHz 5.15 to 5.875 GHz
	Maximum wireless speed	867 Mbps - 5 GHz 300 Mbps - 2.4 GHz	300 Mbps - 2.4 GHz	300 Mbps - 2.4 GHz	300 Mbps - 2.4 GHz	300 Mbps - 2.4 GHz	867 Mbps - 5 GHz 400 Mbps - 2.4 GHz	867 Mbps - 5 GHz 300 Mbps - 2.4 GHz	1300 Mbps - 5 GHz 450 Mbps - 2.4 GHz	300 Mbps - 2.4 GHz	867 Mbps - 5 GHz 300 Mbps - 2.4 GHz
	MIMO	-	-	-	-	-	• (MU-MIMO)	-	-	-	-
	Antenna type	2 detachable omni-directional	2 detachable omni-directional	Embedded omni-directional	2 detachable omni-directional	2 detachable omni-directional	2 embedded omni-directional	4 embedded omni-directional	6 detachable omni-directional	Embedded omni-directional	4 embedded omni-directional
	Antenna gain	4 dBi for 2.4GHz 6 dBi for 5GHz	5 dBi	3 dBi	2 dBi	5 dBi	3 dBi for 2.4GHz 4 dBi for 5GHz	3 dBi for 2.4GHz 4 dBi for 5GHz	4 dBi for 2.4GHz 6 dBi for 5GHz	2 dBi	6 dBi for 2.4GHz 6 dBi for 5GHz
	Power-over-Ethernet (PoE)	-	-	• (802.3af)	-	• (802.3af)	• (802.3af)	• (802.3af)	• (802.3at)	• (802.3af)	• (802.3af)
	Maximum Output Power*	20 dBm	20 dBm	-	26 dBm	26 dBm	26 dBm	26 dBm	29 dBm	29 dBm	26 dBm
	Wired Interface	1 x Gigabit	1 x Fast Ethernet	1 x Fast Ethernet	1 x Gigabit	1 x Gigabit	1 x Gigabit	1 x Gigabit	2 x Gigabit	1 x Fast Ethernet	2 x Gigabit
	Console port	-	-	-	-	-	-	-	-	-	-
Wireless Modes	Type of housing	Plastic	Plastic	Plastic	Plastic	Metal	Plastic	Plastic	Metal	Plastic	Plastic
	Outdoor housing (IP rating)	-	-	-	-	-	-	-	-	• (IP55)	• (IP68)
	Plenum rated (UL-2043)	-	-	-	-	-	-	-	-	-	-
	Access point (AP)	•	•	•	•	-	•	•	•	-	•
	WDS with AP	-	-	•	•	-	•	•	•	•	•
	WDS / bridge	-	•	•	•	•	•	•	•	•	•
	Wireless client	-	-	•	•	•	•	•	•	•	•
	Maximum number of SSIDs	1	1	8	8	8	16	16	16	8	16
	Auto channel selection	•	•	•	•	•	•	•	•	•	•
	WMM-PS/802.11e (U-APSD)	•	•	•	•	•	•	•	•	•	•
Wireless Features	Wi-Fi scheduler	•	•	•	•	•	•	•	•	•	•
	AP traffic load balance	-	-	•	•	•	•	•	•	•	•
	L2 roaming	-	-	•	•	•	•	•	•	•	•
	WEP 64/128bit	•	•	•	•	•	•	•	•	•	•
	WPA/WPA2-Personal/Enterprise	•	•	•	•	•	•	•	•	•	•
	TKIP/AES encryption	•	•	•	•	•	•	•	•	•	•
	WPA/WPA2-PSK over WDS	-	-	•	•	•	•	•	•	•	•
	WLAN partition	•	•	•	•	•	•	•	•	•	•
	SSID broadcast disable	•	•	•	•	•	•	•	•	•	•
	Rogue AP detection	-	-	•	•	•	•	•	•	•	•
Security	Station isolation	•	•	•	•	•	•	•	•	•	•
	MAC address filtering	•	•	•	•	•	•	•	•	•	•
	802.1X authentication	•	•	•	•	•	•	•	•	•	•
	DHCP server	•	•	•	•	•	•	•	•	•	•
	802.1D STP, IGMP snooping, ARP spoofing, SNTP	• (no ARP spoofing prevention)	IGMP snooping only	-	•	•	•	•	•	•	•
	IPv6	-	•	•	•	•	•	•	•	•	•
	WEB	•	•	•	•	•	•	•	•	•	•
	SNMP (v1, v2c, v3)	-	-	•	•	•	•	•	•	•	•
	LL, Telnet, SSH	-	-	•	•	•	•	•	•	•	•
	Syslog	•	•	•	•	•	•	•	•	•	•
Network	Central management through Central WiFiManager	-	-	•	• (H/W ver. B1)	• (H/W ver. B1)	•	•	•	•	•
	Configuration group sync through AP Array	-	-	• (up to 32 APs)	• (up to 32 APs)	• (up to 32 APs)	• (up to 32 APs)	• (up to 32 APs)	• (up to 8 APs)	• (up to 32 APs)	• (up to 32 APs)
	802.1D STP, IGMP snooping, ARP spoofing, SNTP	• (no ARP spoofing prevention)	IGMP snooping only	-	•	•	•	•	•	•	•
	IPv6	-	•	•	•	•	•	•	•	•	•
	WEB	•	•	•	•	•	•	•	•	•	•
	SNMP (v1, v2c, v3)	-	-	•	•	•	•	•	•	•	•
	LL, Telnet, SSH	-	-	•	•	•	•	•	•	•	•
	Syslog	•	•	•	•	•	•	•	•	•	•
	Central management through Central WiFiManager	-	-	•	• (H/W ver. B1)	• (H/W ver. B1)	•	•	•	•	•
	Configuration group sync through AP Array	-	-	• (up to 32 APs)	• (up to 32 APs)	• (up to 32 APs)	• (up to 32 APs)	• (up to 32 APs)	• (up to 8 APs)	• (up to 32 APs)	• (up to 32 APs)
	802.1D STP, IGMP snooping, ARP spoofing, SNTP	• (no ARP spoofing prevention)	IGMP snooping only	-	•	•	•	•	•	•	•
Management	IPv6	-	•	•	•	•	•	•	•	•	•
	WEB	•	•	•	•	•	•	•	•	•	•
	SNMP (v1, v2c, v3)	-	-	•	•	•	•	•	•	•	•
	LL, Telnet, SSH	-	-	•	•	•	•	•	•	•	•
	Syslog	•	•	•	•	•	•	•	•	•	•
	Central management through Central WiFiManager	-	-	•	• (H/W ver. B1)	• (H/W ver. B1)	•	•	•	•	•
	Configuration group sync through AP Array	-	-	• (up to 32 APs)	• (up to 32 APs)	• (up to 32 APs)	• (up to 32 APs)	• (up to 32 APs)	• (up to 8 APs)	• (up to 32 APs)	• (up to 32 APs)
	802.1D STP, IGMP snooping, ARP spoofing, SNTP	• (no ARP spoofing prevention)	IGMP snooping only	-	•	•	•	•	•	•	•
	IPv6	-	•	•	•	•	•	•	•	•	•
	WEB	•	•	•	•	•	•	•	•	•	•

Central Wifi Manager CWM-100

- WLAN Management
- Maximum AP per device (Controller)

1000
- AP-Controller connection mode

Bridge
- Visualised Topology

Included
- NAT pass through (AP)

Included
- Multi-Tenancy

Included
- User authentication
- Captive Portal

Included
- Authentication method

Local DB, external RADIUS, LDAP, POP3, Wi-Fi passcode
- Web redirect

Included

- Radio Frequency
- Auto Transmit Power Control

Included
- Self-healing around failed APs

Included

- Wireless Features
- Multiple SSID per Radio(AP)

8
- BandSteering

Included
- L2/L3 Roaming

L2 roaming
- Bandwidth Optimisation

Included

- System Management
- Web-based User Interface

HTTPS
- Firmware/Module online check

Included
- Remote Management

Included
- Firmware/Configuration upgrade by Scheduling

Included

Gestiona tu Red Wi-Fi con el software gratuito Central Wifi Manager

CWM-100
Descárgalo ahora en
dlink.to/cwm100

Gestión escalable, flexible
y centralizada de Puntos
de Acceso

Diseñado para grandes
entornos, incluso en
remoto

Actualización de firmware,
Hotspot y portal cautivo
para invitados

D-Link
FOR BUSINESS

“Cámaras IP para todas las necesidades.
Compatibilidad ONVIF y soporte PoE.
Monitorización remota con software VMS
y nuestra gama de NVR, o con la app
mydlink™, que ya cuenta con más de 4
millones de usuarios.”

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)	
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)													
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	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 MJPEG-4 MJPEG	H.264 MJPEG	H.264 MJPEG	H.264 MJPEG-4 MJPEG	H.264 MJPEG-4 MJPEG	H.264 MJPEG-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			•	•	•	•	•	•	•	•	•	•	

Pan & Tilt Cameras

	Indoor PowerLine	Indoor Wired PoE	Indoor				Outdoor
							
Model	DCS-6045LKT	DCS-3716	DCS-5000L	DCS-5020L	DCS-5030L	DCS-5222L	DCS-6915
Image Sensor	1/4"1 megapixel progressive scan CMOS	1/2.8"3 megapixel WDR progressive scan CMOS (Sony Exmor)	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	1/2.8" CMOS (Sony Exmor)
Maximum Video Resolution (Ratio)	1280 x 720 (16:9) 640 x 480 (other)	1920 x 1080 (16:9) 2048 x 1536 (other)	640 x 480	640 x 480	1280 x 720 (16:9) 640 x 480 (other)	1280 x 1080 (16:9) 960 x 720 (other)	1920 x 1080 (16:9) 1280 x 1024 (other)
Lens	Fixed 3.3 mm, F2.0	DC iris varifocal 3.1 ~ 8 mm F1.2 CS mount	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 4.7 ~ 94 mm, F1.6 ~ 3.5
Minimum Illumination (Lux)	1 Lux (colour) 0 Lux (B&W, IR-LED on)	0.5 Lux (colour) 0.05 Lux (B&W)	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)
IR Built-in	6 m		8 m	8 m	5 m	8 m	
Wide Dynamic Range (WDR)		●					●
Angle Of View (H/V)	68.88° / 37.85°	38.7°~95.9° / 29.1°~71°	57° / 42°	66.22° / 49.08°	94.36° / 59.3°	70° / 53°	4.07°~52.27° / 2.33°~33.4°
Optical Zoom		2.6x					20x
Motorised Pan/Tilt			●	●	●	●	
Pan Range			+170° to -170°	+170° to -170°	+170° to -170°	+170° to -170°	360° (endless)
Tilt Range			+95° to -25°	+95° to -25°	+90° to -20°	+100° to -20°	-10° to 190°
Presets				●	●	●	●
Auto Cruise					●	●	●
Privacy Masks		3 zones				3 zones	16 zones
Analogue Output		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	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	4/2
Onboard Storage Card Slot	MicroSD SDHC (max. 32GB)	SD SDHC (max. 32GB)			MicroSD SDHC (max. 32 GB)	MicroSD SDHC (max. 32 GB)	MicroSD SDHC (max. 32 GB)
Video Format	H.264 MPEG	H.264 MPEG-4 MPEG	H.264 MPEG	H.264 MPEG	H.264 MPEG	H.264 MPEG	MPEG-4 MPEG-4
Multi-Stream	●	●	●	●		●	●
Mobile Stream	●				●	●	●
ONVIF Compliant					●	●	●
Digital Zoom	4x	10x	4x	4x	4x	10x	10X
Motion Detection	●	●	●	●	●	●	●
Sound Detection	●			●	●	●	
Tamper Detection							
E-Mail Notification	●	●	●	●		●	●

Fixed Cameras

Outdoor Bullet					Outdoor Dome			
								
Model	DCS-7010L	DCS-7110	DCS-7513	DCS-7517	DCS-6315	DCS-6511	DCS-6513	DCS-6517
Outdoor Certification	IP-66	IP-66	IP-68	IP-66	IP-68	IP-66	IP-67	IP-66
Image Sensor	1/4"1 megapixel progressive scan CMOS	1/2.7"2 megapixel progressive scan CMOS	1/2.8"3 megapixel WDR progressive scan CMOS (Sony Exmor)	1/3.2"3 megapixel WDR progressive scan CMOS	1/3.1"3 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) 2560 x 1920 (other)	1280 x 720 (16:9) 2560 x 1920 (other)	1280 x 720 (16:9) 2560 x 1920 (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	Motorised P-Iris varifocal 3 ~ 9 mm, F1.2 ~ 2.3	Motorised varifocal 2.8 ~ 12 mm, F1.8	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 ~ 10.5 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)	0.2 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 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)
IR Built-in	10 m	15 m	30 m	30 m	15 m	20 m	20 m	20 m
Wide Dynamic Range (WDR)			●	●	●	●	●	●
Angle Of View (H/V)	47° / 37°	77.4° / 45.1°	121.2° ~ 38.1° / 62.1° ~ 21.3°	72.84° ~ 29.47° / 54.69° ~ 21.72°	90° ~ 28° / 58.8° ~ 16°	23.9° ~ 89.8° / 17.9° ~ 43.6°	96.4° ~ 31.6° / 51.2° ~ 17.7°	67.23° ~ 26.94° / 48.88° ~ 20.17°
Optical Zoom			3x	4.2x		3.6x	3x	3.5x
Privacy Masks	5 zones	5 zones	3 zones	5 zones	3 zones	3 zones	3 zones	5 zones
Analogue Output				BNC		BNC		BNC
Vandal Proof					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
Onboard Storage Card Slot	MicroSD SDHC (max. 32 GB)		SD SDHC (max. 32 GB)	MicroSD SDHC (max. 64 GB)	MicroSD SDHC (max. 32 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 MJPEG	H.264 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	4x	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



Vigilance Cameras

La gama de cámaras Vigilance se ha diseñado para ofrecer las opciones más equilibradas entre rendimiento y coste para los instaladores de CCTV. Con modelos de interior/ exterior en configuraciones cube, domo o fijas, se adaptan a cualquier entorno, destacando la robustez que proporciona su carcasa metálica. Con resoluciones en alta definición (HD y Full HD) Wide Dynamic Range (WDR), visión nocturna y filtro ICR aseguran la máxima calidad de imagen en cualquier circunstancia. El soporte Power Over Ethernet para flexibilizar la instalación y la compatibilidad con ONVIF aseguran su fácil despliegue.

Vigilance
Cameras









Model	DCS-4201	DCS-4602EV	DCS-4603	DCS-4622	DCS-4701E	DCS-4703E	DCS-4802E
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 1080 (16:9) 2048 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, F2.0	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)	1.0 lux (colour) 0.5 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)	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	● (10m)						
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

Network Video Recorder

	mydlink	mydlink	mydlink	mydlink
Model	DNR-312L	DNR-322L	DNR-2020-04P	DNR16-4802-2
Simultaneous Recording	9 channels	16 channels	16 channels	16 channels
Simultaneous Playback	9 channel	1 channel	16 channels	16 channels
Local Display	HDMI		VGA, HDMI	VGA, HDMI
Front Panel Controls				
PoE Switch Ports			4 x 802.3af PoE	4 x 802.3af 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

Grabador de video en red (NVR) que puede funcionar como servidor de vídeo de hasta 16 cámaras de Videovigilancia IP. Dispone de dos bahías para discos duros estándar SATA 3,5 pulgadas para almacenar las grabaciones.

Gracias a la interfaz HDMI/VGA para conectar un monitor, al software VMS de monitorización integrado y al puerto USB para conectar teclado o ratón, el DNR-2060-08P es una solución NVR "Standalone" que no requiere un PC.

Con cuatro puertos Power Over Ethernet (PoE, alimentación a través del cable de red Ethernet) puede alimentar hasta cuatro cámaras IP, aumentando así la flexibilidad de su instalación de videovigilancia.

Con el software de videovigilancia VMS integrado, el DNR-2020-04P permite la monitorización/grabación en tiempo real a través de una interfaz web clara e intuitiva que permite acceder en remoto a todas las funcionalidades. Además, admite audio de entrada/salida, activación de alarmas mediante entradas DI/DO y almacenamiento externo USB 3.0 para backups.

VMS
Software
de Monitorización

D-ViewCam (DCS-100)

El software VMS gratuito y disponible en todas las cámaras IP de D-Link. Permite gestionar hasta 32 cámaras, con una interfaz ágil e intuitiva para la monitorización en directo con reproducción, grabación y visionado del material grabado con funciones avanzadas de indexación y búsqueda por eventos. Funciona con todas las cámaras y grabadores de vídeo en red (NVR) de D-Link, así como en los ordenadores configurados como servidores de vídeo. Fácil acceso a la gestión encuadre de las cámaras (zoom, PTZ), con mapeado de zonas predefinidas de monitorización, máscaras de privacidad, etc.

D-ViewCam Plus (DCS-250)

Ideal para despliegues en entornos masivos de Videovigilancia, ya que admite la gestión avanzada de hasta 64 Cámaras IP, aumentando la compatibilidad gracias al soporte de cámaras de otros fabricantes. A parte de todo lo incluido en la versión gratuita DCS-100, este software VMS de pago (con descarga gratuita de una versión trial en nuestra web) incluye "Smart Guard" para alertas con notificaciones push a móviles de los sensores de las cámaras o sistemas externos de detección, además de analítica de vídeo (objetos desaparecidos, pérdida de enfoque, etc). Optimiza el espacio de almacenamiento gracias a la grabación de dos streams, uno estándar en baja resolución y uno en alta resolución activado sólo cuando se produce un evento o alarma.



Monitorización avanzada y acceso remoto con app

Graba, reproduce y visualiza streams de vídeo en tiempo real de hasta 16 cámaras, con acceso en local o en remoto a través de Internet o de la app Just Connect+

Despliegue versátil

Con el software integrado y los cuatro puertos PoE puede instalar un completo sistema de videovigilancia de la forma más sencilla

No necesita ordenador

Es una solución NVR "Todo en uno" con salida HDMI, Puerto ratón/teclado y dos bahías para discos duros SATA





Lo que más quieres, siempre a un click

Gestión remota de Cámaras IP, Routers y Videograbadores con App gratuita disponible en App Store, Google Play y Windows Phone Store.

Notificaciones push por detección de sonido o movimiento en Cámaras IP, y también por actividad de la red en Routers.

Más de 4.000.000 de usuarios ya controlan todo lo que sucede en su casa o negocio, estén donde estén, desde su móvil o tablet.

Más información en dlink.com/mydlink

Available on the iPhone
App Store

ANDROID APP ON
Google play

Download from
Windows Phone Store

CONECTIVIDAD

Wi-Fi Extenders, Access Points, Hotspots



Model	DAP-1320	DAP-1325	DAP-1330	DAP-1360	DAP-1365	DAP-1520	DAP-1620	DAP-1635	DAP-1665
Wireless standard	Wireless N300	Wireless N300	Wireless N300	Wireless N300	Wireless N300	Wireless AC750	Wireless AC1200	Wireless AC1200	Wireless AC1200
Wireless speed	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz 433 Mbps 5 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz
Dual-band						Yes	Yes	Yes	Yes
Operational modes	• Wi-Fi Extender	• Wi-Fi Extender • Wi-Fi client	• Wi-Fi Extender • Wi-Fi client	• Access point • Wireless Bridge • Wireless Bridge with access point • Wi-Fi extender • Wi-Fi client	• Wi-Fi Extender • Wi-Fi client	• Wi-Fi Extender	• Wi-Fi Extender • Wi-Fi client	• Wi-Fi Extender • Access point	• Access point • Wireless Bridge • Wireless Bridge with access point • Wi-Fi extender • Wi-Fi client
Antennas	Internal	External	Foldable external	External	Foldable external	Internal	Foldable external	Foldable external	External
Type of WAN									
Wired LAN speed		Fast Ethernet	Fast Ethernet	Fast Ethernet	Fast Ethernet		Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
Number of LAN ports		1	1	1	1		1	1	1
Passthrough socket					Yes			Yes	
USB port									
mydlink™ SharePort™									

PLC PowerLine



Model	DHP-601AV	DHP-P601AV	DHP-701AV	DHP-W311AV	DHP-W611AV
Number of Units in Kit	2	2	2	2	2
PowerLine Technology	AV2 1000	AV2 1000	AV2 2000	AV500	AV2.1 1000
Ethernet Speed*	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Fast Ethernet	Gigabit Ethernet
Wireless Standard				Wireless N	Wireless AC1200
Wireless Speed				300 Mbps 2.4 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz
Passthrough Socket		•			•
Number of Ethernet Ports	1	1	1	1	1
Product Name for Single Unit	DHP-600AV	DHP-P600AV	DHP-700AV	DHP-310AV & DHP-308AV	DHP-P610AV & DHP-W610AV

Wi-Fi Dongles, Adapters



Model	DWA-121	DWA-127	DWA-131	DWA-171	DWA-172	DWA-182	DWA-192	DWA-556	DWA-582
Wireless standard	Wireless N150	Wireless N150	Wireless N300	Wireless AC600	Wireless AC600	Wireless AC1200	Wireless AC1900	Wireless N300	Wireless AC1200
Wireless speed	150 Mbps 2.4 GHz	150 Mbps 2.4 GHz	300 Mbps 2.4 GHz	150 Mbps 2.4 GHz 433 Mbps 5 GHz	150 Mbps 2.4 GHz 433 Mbps 5 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz	600 Mbps 2.4 GHz 1300 Mbps 5 GHz	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz
High-gain antenna		Yes			Yes				Yes
WPS one button connection	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
Wi-Fi Protected Access support	WPA and WPA2	WPA and WPA2	WPA and WPA2	WPA and WPA2	WPA and WPA2	WPA and WPA2	WPA and WPA2	WPA and WPA2	WEP, WPA and WPA2
USB type	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 3.0	USB 3.0	PCIe	PCIe

“Routers neutros, ADSL o Híbridos con tecnología Wi-Fi AC y MU-MIMO. PLC hasta 2 Gigabit con HomePlug AV2 y Wi-Fi AC. Range Extenders con LEDs de señal para su mejor colocación y AP’s de sobremesa Plug&Play.”

“En 3G/4G, routers compatibles con SIM de cualquier operador. Dispositivos portátiles con batería para crear un Mi-Fi en cualquier parte. Y para tener Wi-Fi en cualquier ordenador, dongles USB y tarjetas PCI Express.”

3G / 4G LTE Adapters, Wi-Fi routers, Hotspots



Model	DWR-157	DWM-222	DWR-116	DWR-118	DWR-730	DWR-921	DWR-932	DWR-953
Wireless standard			Wireless N300	Wireless AC750	Wireless N150	Wireless N300	Wireless N150	Wireless AC750
Wireless speed			300 Mbps 2.4 GHz	300 Mbps 2.4 GHz 450 Mbps 5 GHz	150 Mbps 2.4 GHz	300 Mbps 2.4 GHz	150 Mbps 2.4 GHz	300 Mbps 2.4 GHz 450 Mbps 5 GHz
Dual-band				Yes				Yes
Antennas	Internal	Internal	External	External	Internal	External	Internal	External
Type of WAN	3G HSPA+ D/L: 21.6 Mbps U/L: 5.76 Mbps	4G LTE Cat. 4 D/L: 150 Mbps U/L: 50 Mbps	Fast Ethernet or 3G/4G LTE via USB dongle*	Gigabit Ethernet or 3G/4G LTE via USB dongle*	3G HSPA+ D/L: 21.6 Mbps U/L: 5.76 Mbps	Fast Ethernet or 4G LTE Cat. 4 D/L: 150 Mbps U/L: 50 Mbps	4G LTE Cat. 4 D/L: 150 Mbps U/L: 50 Mbps	Gigabit Ethernet or 4G LTE Cat. 4 D/L: 150 Mbps U/L: 50 Mbps
Integrated SIM card slot					Yes	Yes	Yes	Yes
Wired LAN speed			Fast Ethernet	Fast / Gigabit Ethernet		Fast Ethernet		Fast Ethernet
Number of LAN ports			4	4		4	4	4
Fail-safe Internet			Yes	Yes		Yes		
USB port	USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 1	micro-USB x 1		micro-USB x 1	
microSD card slot					Yes			
Battery powered					Yes		Yes	
OLED display					Yes			
Driver support	MS Windows 10/8.1/8/7/ Vista/XP/SP2 Apple MacOS X 10.6 or later	MS Windows 10/8.1/8/7/ Vista/XP/SP2 Apple MacOS X 10.5 or later			MS Windows 8/7/Vista/XP/SP2 Apple MacOS X 10.4 or later			

Wi-Fi Routers



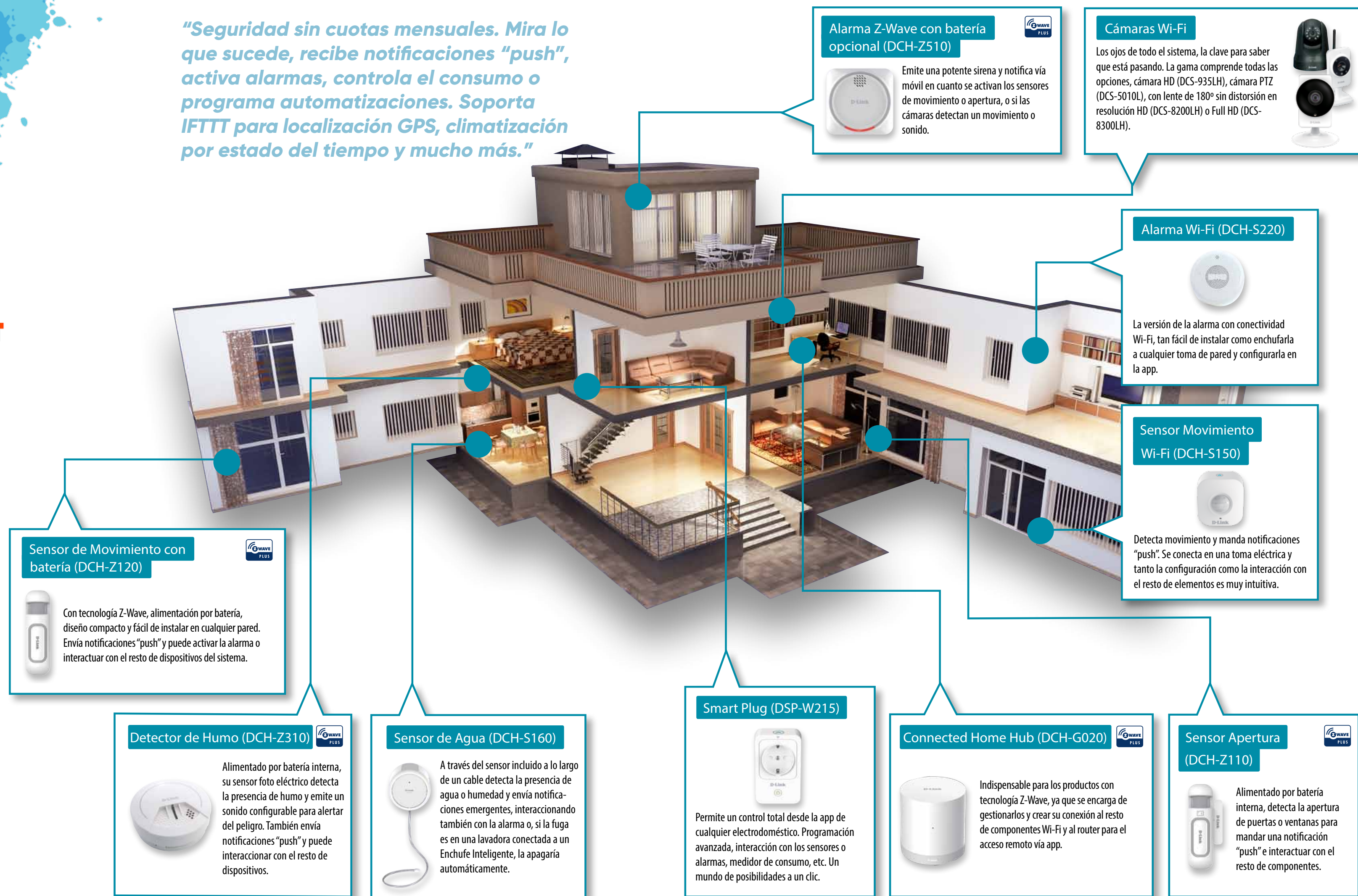
Model	DIR-605L	DIR-809	DIR-842	DIR-859	DIR-869	DIR-879	DIR-885L	DIR-895L	DSL-2750B	DSL-3785
Wireless standard	Wireless N300	Wireless AC750	Wireless AC1200	Wireless AC750	Wireless AC1200	Wireless AC1200	Wave 2 Wireless AC1200	Wave 2 Wireless AC5300	Wireless N300	Wireless N300
Wireless speed	300 Mbps 2.4 GHz	300 Mbps 2.4 Ghz 433 Mbps 5GHz	300 Mbps 2.4 Ghz 867 Mbps 5GHz	300 Mbps 2.4 Ghz 433 Mbps 5GHz	300 Mbps 2.4 Ghz 867 Mbps 5GHz	300 Mbps 2.4 Ghz 867 Mbps 5GHz	1000 Mbps 2.4 Ghz 2167 Mbps 5GHz	1000 Mbps 2.4 Ghz 2167 Mbps 5GHz	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz
Dual-band		•	•	•	•	•	•	•		
Tri-band								•		
SmartConnect (Optimised 5GHz utilisation with band steering)						•	•	•		
Multi-User MIMO (MU-MIMO)							•	•		
SmartBeam™ technology						•	Advanced AC SmartBeam™	Advanced AC SmartBeam™		
Guest Wi-Fi network			•	•	•	•	•	•		
Type of WAN	Fast Ethernet	Fast Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	ADSL2/2+ Annex A D/L: 12Mbps U/L: 1MBPS	Gigabit Ethernet or VDSL2 or ADSL2/2+ D/L: 12Mbps U/L: 1MBPS
Number of LAN ports	4 x 10/100	4 x 10/100	4 x Gigabit	4 x Gigabit	4 x Gigabit	4 x Gigabit	4 x Gigabit	4 x Gigabit	4	4
USB port							USB 3.0 x 1	USB 3.0 x 1 USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 1
SharePort™							•	•	•	•
DLNA certified media server							•	•		
Access Point/Extender Mode setup by hardware with rear button					•	•	•	•		

DOMÓTICA

"Seguridad sin cuotas mensuales. Mira lo que sucede, recibe notificaciones "push", activa alarmas, controla el consumo o programa automatizaciones. Soporta IFTTT para localización GPS, climatización por estado del tiempo y mucho más."



La gama mydlink™ Home es un ecosistema de domótica y seguridad que permite ver, proteger y automatizar el hogar desde móviles y tabletas con nuestra app gratuita, disponible en App Store y Google Play:



#1 Instalación Plug&Play



#2 Gestiona tus dispositivos



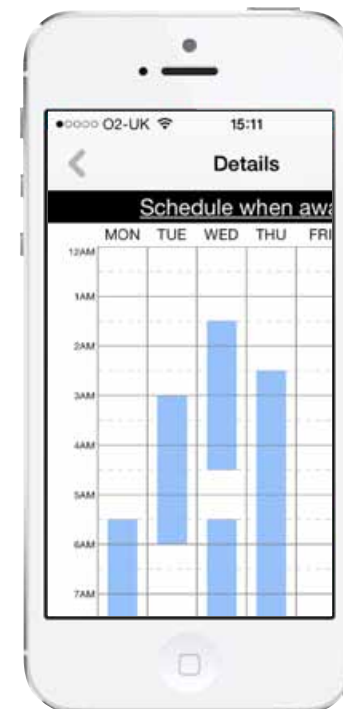
#3 Protección térmica y límite de consumo



#4 Haz que respondan a tu movimiento



#5 Programa el funcionamiento



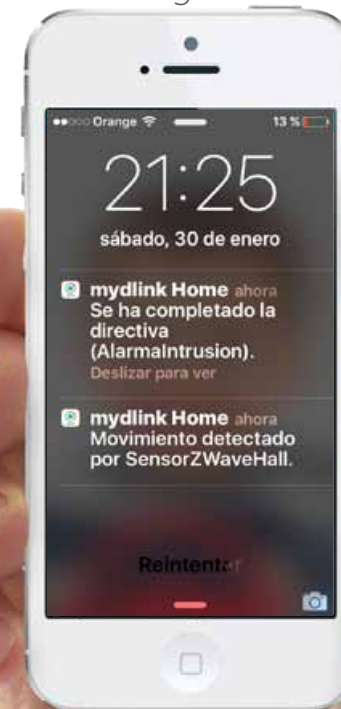
#6 Crea reglas inteligentes



#7 Vigila tu hogar con cámaras y sensores



#8 Recibe notificaciones emergentes



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