Ultra Low Light WDR IP Box Cameras

HCL2G/HCW2G/HCW4G

Honeywell is taking quality and reliability to the next level with the New equlP[®] line of ultra low-light box IP cameras. The 1080p 2 MP/4 MP box cameras offer high definition resolution at full frame rate, progressive scan technology, and edge enhancement for outstanding picture clarity. ONVIF (Profile S/G) compliance ensures hassle-free, flexible system integration.

Superior Image Quality

- Full HD 1080p 25/30 fps image with a 1/2.7" or 1/2.8" 2 MP sensor, or 1/3" 4 MP sensor
- True WDR, up to 140 dB, ensures glare-free images
- True Day/Night capability, vivid color pictures by day and clear black-and-white pictures at night with ICR
- Ultra Low Light technology is able to capture high quality color images in low light environments
- Excellent low-light performance with 3D noise reduction, saving storage and bandwidth together with H.264 High Profile codec

Flexible Surveillance Solution

- H.264 and MJPEG codec, triple stream support
- Working temperature of -22°F to 140°F (-30°C to 60°C)
- ONVIF Profile S and G compliant
- Cameras can be retrofitted on many existing DVR/NVR installations without requiring additional storage
- Security features include individual signed certificates and data encryption

Easy to Install and Use

- Professional design, easy to hold with one hand during installation
- Built-in PoE (Power over Ethernet) eliminates separate power supply and associated wiring; 24 V AC/12 V DC inputs where PoE power is unavailable
- Remote configuration, Smart Auto Focus (ABF) adjustment through the web client

FEATURES AND BENEFITS

These cameras are perfect for installations that require excellent picture quality at minimal bandwidth, with a flexible design that mounts easily to a wall or ceiling.

- 1/2.7" or 1/2.8" 2 MP progressive scan imager or 1/3" 4 MP progressive scan imager
- Ultra-low light performance
- Excellent low light performance with down to 0.0002 lux BW
 True WDR: up to
- 140 dB
 Built-in PoE for simple cabling options; 12 V DC/24 V AC inputs also available
- Up to triple stream support
- 4 MP resolution at 20 fps, or 1080p at 25/30 fps
 4 lens options to
- 4 lens options to suit any surveillance situation
- True Day/Night capability with vivid color pictures in the day and clear black and white images at night
- Corridor mode viewing capability
- On board camera storage: up to 128 GB micro SD card (not included)
- ONVIF profile S and G compliant





Privacy Masking

• Conceals up to 4 areas of a scene from viewing and recording

Onboard Video Storage

• Supports up to 128 GB microSDHC (Class 10) card for local video storage when network is interrupted. Card not included.

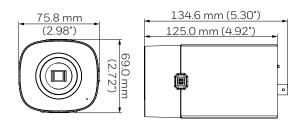
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The camera can be configured to automatically detect and respond to events such as motion in the scene, alarm inputs, network failure, and/or camera tampering. Automated responses include: sending a notification through email, FTP, and/ or HTTP; sending a still image of the event through email and/or FTP; and recording a video clip of the event to a configured microSDHC card. Setup can be done through a web client or from an NVR.

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DIMENSIONS



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HCL2G/HCW2G/HCW4G

SPECIFICATIONS

OPERATIONAL		IP SPECIFICATIONS (CON'T)				
		NTSC/PAL			HCW2G (PAL): 720p 1-14 fps, D1 (704x576) 1-25 fps,	
SCANNING SYSTEM		Progressive scan			CIF (352x288) 1-25 fps	
		HCL2G: 1/2.8" 2 MP progressive CMOS			HCW2G (NTSC): 720p 1-3 fps, D1 (704x480) 1-9 fps, CIF (352x240) 1-30 fps	
IMAGE SENS	SOR	HCW2G: 1/2.7" 2 MP progressive CMOS	FRAME	TRIPLE	HCW4G (PAL): 1-20 fps (720p, D1-704x576, CIF-352x288)	
		HCW4G: 1/3" 4 MP progressive CMOS	RATE	STREAM	HCW4G (NTSC): 1-20 fps (720p, D1-704x480,	
NUMBER OF	E PIXELS	HCW2G/HCL2G: 1920x1080			CIF-352x240) HCL2G (PAL): 1080p 1-20 fps, 1-25 fps	
(H×V)	TIALLO	HCW4G: 2560x1440			(720p, D1-704x576) HCL2G (NTSC): 1080p 1-15 fps, 1-30 fps	
MINIMUM		HCL2G: 0.002 lux color/0.0002 lux BW @ F1.4			(720p, D1-704x480)	
ILLUMINATI	ON	HCW2G/HCW4G: 0.01 lux color/0.001 lux BW @ F1.4	AUDIO CON	IPRESSION	G.711a/G.711u/AAC	
S/N RATIO		50 dB or more	AUDIO STREAM		Dual Channel	
ELECTRONI SPEED	C SHUTTER	Auto, Manual, 1/3(4)–1/10 000 s	ETHERNET		RJ-45 (10/100Base-T)	
DAY/NIGHT		Auto(ICR)/Color/BW	PROTOCOLS*		IPv4/IPv6, HTTP, HTTPS, TCP/IP, UDP, UPnP, ICMP, IGMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP,	
BACKLIGHT COMPENSA		BLC/HLC	COMPATIBI	LITY	QoS, SNMP v2c/v3, LDAP (Client), NFS, RTCP, Bonjour ONVIF Profile S/G	
		HCW2G/HCW4G: 120 dB	MAX. USER	ACCESS	20 users	
WIDE DYNAI	MIC RANGE	HCL2G: 140 dB	LANGUAGE	c	English, Arabic, Czech, Dutch, French, German,	
WHITE BAL	ANCE	Auto/Manual	SUPPORTE		Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Turkish	
GAIN CONTR	ROL	Auto/Manual	ELECTRIC	\L		
NOISE REDUCTION		3DNR	INPUT VOLTAGE		12VDC +/-10%, 24VAC +/-10%, PoE IEEE 802.3af	
PRIVACY MASKING		Up to 4 areas	AC FREQUE	NCY	50/60 Hz	
CORRIDOR	MODE	Yes	POWER CO	NSUMPTION	12VDC/24VAC 6.5W max, PoE (802.3af) Class 0	
LENS		Ordered separately, support for DC-iris lens	MECHANIC	AL		
AUDIO/TWO	D-WAY	Line In/Out	DIMENSION	IS	4.92" x 2.72" (125.0 × 69.0 mm)	
IP SPECIFIC	ATIONS		PRODUCTV	VEIGHT	1.21 lb (0.55 kg)	
VIDEO COM	PRESSION	H.264/H.264H/H.264B/MJPEG	PACKAGE W	EIGHT	1.87 lb (0.85 kg)	
		HCW2G/HCL2G: 1080p (1920x1080)/ SXGA (1280x1024)/1.3 M (1280x960)/	CONSTRUC	TION	Die-cast aluminum housing with powder coat	
		720p(1280x720)/D1(704x576/704x480)/	CONSTRUCTION COLOR		RAL9003 (White) and RAL7022 (Gray)	
RESOLUTIO	N	CIF (352x288/ 352x240) HCW4G: 4M (2688x1520 with Analog video output off,	RECORDING AND STORAGE		Up to 128 GB microSDHC card Class 10 (not included)	
		or 2560x1440 with Analog video output on)/ 3M (2304x1296)/1080p (1920x1080)/SXGA	ENVIRONM	IENTAL		
		(1280x1024)/1.3M(1280x960)/720p(1280x720)/	TEMPERATURE		-22°F to 140°F (-30°C to 60°C)	
		D1(704x576/704x480)/CIF(352x288/352x240)	RELATIVE HUMIDITY		0% to 95%, non-condensing	
		HCW2G/HCL2G (PAL): 1-25 fps (1080p, SXGA-1280x1024, 1280x960, 720p, D1-704x576)	REGULATORY			
		HCW2G/HCL2G (NTSC): 1-30 fps (1080p, SXGA-1280x1024, 1280x960, 720p, D1-704x480)	EMISSIONS		FCC Part 15, CE (EN 55022); Complies with RCM (AS/NZS)	
	MAIN	HCW4G (PAL): 1-20 fps (2688x1520 with Analog video	IMMUNITY		CE(EN 50130-4)	
EDAME	STREAM	output off, 2560x1440); 1-25 fps (2304x1296, 1080p, SXGA-1280x1024, 1280x960, 720p) HCW4G (NTSC): 1-20 fps (2688x1520 with Analog video	SAFETY		North America UL Listed to UL/CSA 60950-1, CE (EN 60950-1)	
FRAME RATE		output off, 2560x1440); 1-30 fps (2304x1296, 1080p, SXGA-1280x1024, 1280x960, 720p)	NOTE			
	SUB STREAM	HCW2G/HCL2G (PAL): 1-25 fps (D1-704x576, CIF-352x288) HCW2G/HCL2G (NTSC): 1-30 fps (D1-704x480, CIF-352x240) HCW4G (PAL): 1-20 fps (D1-704x576, CIF-352x288) HCW4G (NTSC): 1-20 fps (D1-704x480, CIF-352x240)	NOTE: *Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.			

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ORDERING

SYSTEM INTEGRATION

OPEN IP INTEGRATION

ONVIF support and open API software integration. Refer to www.onvif.org for the ONVIF specification and the Honeywell Open Technology Alliance website (http://www.security.honeywell.com/hota/) to learn more about our open and integrated solutions.



ACCESSORIES				
LENSES				
HLM105V42MPD	12 MP 4K 10.5 - 42 mm Lens			
HLM37V16MPD	12 MP 4K 3.7 – 16 mm Lens			
HLM27V12MPD	4 MP 2.7 – 12 mm Lens			
HLM5V50MPD	4 MP 5.0 – 50 mm Lens			

CAMERAS				
HCL2G	Network TDN Ultra Low-Light, 140 dB Wide Dynamic, Box Camera, 1/2.8" Imager, 2 MP, PoE, H.264			
HCW2G	Network TDN Low-Light, 120 dB Wide Dynamic, Box Camera, 1/2.7" Imager, 2 MP, PoE, H.264			
HCW4G	Network TDN Low-Light, 120 dB Wide Dynamic, Box Camera, 1/3" Imager, 4 MP, PoE, H.264			

For more information

www.honeywell.com/security

Honeywell Security and Fire

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