

HCL2G/HCW2G/HCW4G

Ultra Low Light WDR IP Box Cameras

Honeywell is taking quality and reliability to the next level with the New equiP® range 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 colour pictures by day and clear black-and-white pictures at night with ICR
- Ultra Low Light technology is able to capture high quality colour 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 -30°C to 60°C (-22°F to 140°F)
- 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



Lens sold separately



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.

FEATURES AND BENEFITS

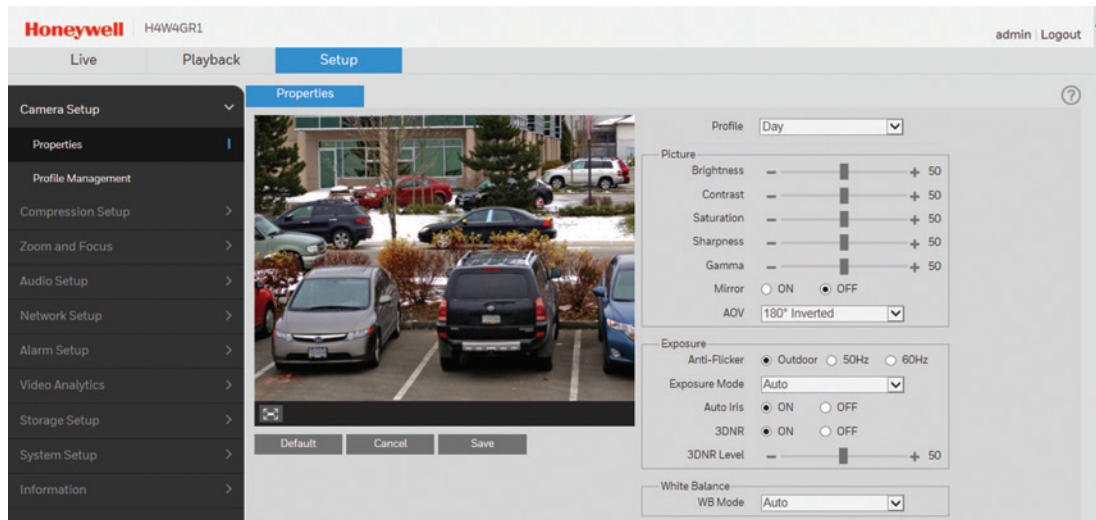
These cameras are perfect for installations that require excellent picture quality at minimal bandwidth, with a flexible design that mounts easily to a wall or ceiling.

- 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 suit any surveillance situation
- True Day/Night capability with vivid colour 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

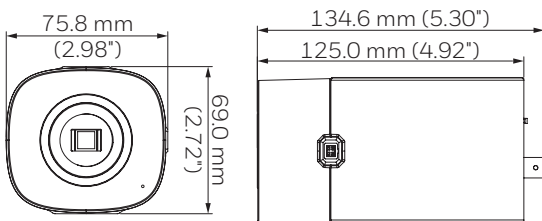
HCL2G/HCW2G/HCW4G

Ultra Low Light WDR IP Box Cameras

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.



DIMENSIONS



HCL2G/HCW2G/HCW4G

Ultra Low Light WDR IP Box Cameras

SPECIFICATIONS

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

HCL2G/HCW2G/HCW4G

Ultra Low Light WDR IP Box Cameras

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

ORDERING

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

Find out more

www.honeywellipsolutions.com/uk

Email: securitysales@honeywell.com

Honeywell Security and Fire

United Kingdom
Aston Fields Road
Whitehouse Industrial Estate
Runcorn, Cheshire WA7 3DL
United Kingdom
Tel: +44 (0)8448 000 235
www.honeywell.com

Honeywell reserves the right, without notification, to make changes in product design or specifications.

HSFV-equiPBox-01-UK(0716)DS-E
© 2016 Honeywell International Inc.

Honeywell