H4L6GR2
NETWORK TDN LOW–LIGHT WDR 6 MP IR RUGGED DOME

HD · **O**NVIF® | **SGQ**

OPERATIONAL

VIDEO STANDARD	NTSC/PAL
SCANNING SYSTEM	Progressive scan
IMAGE SENSOR	1/1.8" 6 MP progressive CMOS
NUMBER OF PIXELS(H×V)	3072 × 2048
MINIMUM ILLUMINATION	0.004 lux color @ F1.53, 0 lux B/W with IR LEDs on @ F1.53
S/N RATIO	≥ 50 dB
ELECTRONIC SHUTTER SPEED	Auto, MAuto, Manual, 1/30– 1/100,000s
IR DISTANCE	Up to 164 ft. (50 m), depending on scene reflectance
DAY/NIGHT	Auto (ICR)/Color/BW
BACKLIGHT COMPENSATION	BLC/HLC/DWDR/SSA
WHITE BALANCE	Auto/Natural/Street Lamp/Outdoor/ Manual/Customize Region
GAIN CONTROL	Auto/Manual
NOISE REDUCTION	3DNR
PRIVACY MASKING	Up to 4 configurable areas
LENS	4.1—16.4 mm, MFZ, F1.53
ANGLE OF VIEW	Horizontal: 107° — 35°
AUDIO/TWO-WAY	Line In/Out
ALARM INPUT/OUTPUT	2/1
ETHERNET	RJ-45 (100/1000Base-T)
DEFOG	Auto/Manual/Off
ANALOG OUTPUT SUPPORT	BNC

IP SPECIFICATIONS

VIDEO COMPRESSION		H.265/H.264/MJPEG; Bit rate control (CBR and VBR)
RESOLUTION	16:9	3M(2304×1296)/1080p(1920×1080)/720p (1280×720)×240)
	4:3	5M (2560×1920)/3M (2048×1536)/ 1.3M (1280×960)/VGA (640×480)/ CIF (352×288/352×240)
	OTHER	6M(3072×2048)/D1 (704×576/704×480)
FRAME RATE	Main Stream	6M (3072×2048)/5M (2560×1920)/ 3M (2048×1536)/3M (2304×1296)/ 1080p (1920×1080)/1.3M (1280×960)/ 720p (1280×720) at 1–25/30 fps
	Sub Stream Third Stream	D1/CIF/VGA up to 25/30 fpsa 1080p/720p/D1 up to 25/30 fps
AUDIO COMPRESSION		G.711a/G.711Mu/AAC/G.726
AUDIO STREAM		Full duplex, simplex
SUPPORTED WEB BROWSERS		Internet Explorer® (11.0+), Firefox, Chrome, Safari
SUPPORTED OS		Windows® 7 32-bit/64-bit
COMPATIBILITY		ONVIF Profile S, G and Q
LANGUAGES SUPPORTED		English, Arabic, Czech, Dutch, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
SUPPORTED PROTOCOLS**		IPv4/v6, TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, SSL, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP v2c/v3, Bonjour, DNS, DDNS, IEEE 802.1x, QoS, NTP, IP Filter, Multicast, ONVIF

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IP SPECIFICATIONS (CON'T)

SECURITY	User account and password protection HTTPS, IP Filter, IEEE 802.1x, Digest authentication, User access log, TLS1.2, AES-256, SSH/Telnet closed, FTP disabled, PCI-DSS compliance, Hardware chipset for private key
MAXIMUM USERS ACCESS	20 users
EVENT	No SD card, SD card error, SD card capacity warning, Network disconnection, IP address conflict, Illegal access, Face detection, Audio detection, People counting, Video tampering, Motion detection, Scene change
EVENT NOTIFICATION	Record (SD card and FTP), Relay output, Email, Snapshot
ANALYTICS	Embedded Analytics: Face detection, Audio detection, Video tampering, Motion detection, Scene change, People counting Advanced Analytics: ADPRO IntrusionTrace, ADPRO LoiterTrace analytics, additional Xtralis license application required**
MICRO SD	Up to 128 GB microSDHC card, Class 10 (not included)
MICRO SD FUNCTION	• Event trigger recording • Continuous and scheduled recording • Automatic recording when network fails

ELECTRICAL

POWER SUPPLY	PoE+ (802.3at) Class 4, 12 VDC/24 VAC
AC FREQUENCY	50/60 Hz
POWER CONSUMPTION	18 W max. (IR LEDs on and motorized lens working)

MECHANICAL

DIMENSIONS	6.3" × 4.6" (159.0 mm × 118.0 mm)
WEIGHT	Product: 2.6 lb. (1.2 kg); Package: 4.6 lb. (2.1 kg)
CONSTRUCTION	Die-cast aluminum housing with powder coat
CONSTRUCTION COLOR	RAL 9003 (White) and RAL 7022 (Grey)

ENVIRONMENTAL

OPERATING TEMPERATURE	−40°F to 140°F (−40°C to 60°C)
RELATIVE HUMIDITY	Less than 95%, non-condensing
INGRESS PROTECTION	IP67
IMPACT RESISTANCE	IK10
GORE VENTS	Yes

REGULATORY

EMISSIONS	EN55032, ANSI C63.4-2014, ICE 003 Rev6, AS/NZ CISPR 32:2013
IMMUNITY	EN50130-4
SAFETY	EU: EN60950-1, EN60950-22 North America UL listed to UL/CSA 60950-1, 60950-22
ROHS	EN50581

* Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.

** ADPRO® IntrusionTrace^{TM} and ADPRO® LoiterTrace^{TM} are Xtralis® video content anaytics products. Additional license purchase(s) required. See http://www.xtralis.com/analytics for more information.
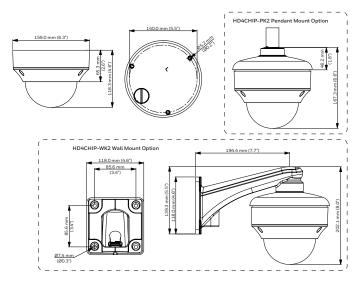
RECOMMENDED ACCESSORIES

SYSTEM 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.

ORDERING

H4L6GR2	Network TDN Superior HD IR Rugged Dome Camera, 1/1.8" CMOS, 6 MP, 4.1–16.4 mm MFZ, PoE+, H.265

HOUSING AND MOUNTS

HB4G-PM		Pole Mount Adapter
HB34G-CM		Corner Mount Adapter
HD4CHIP-PK2		Pendant Mount Bracket
H4G-PK		Pendant Mount Bracket
HD4CHIP-WK2		Wall Mount Bracket
H4G-CB		Replacement Dome (Clear)
H4G-SB		Replacement Dome (Smoke)

DIMENSIONS

159.0 mm (6.3")
65.3 mm (2.6")
118.3 mm (4.6")

140.0 mm (5.5")
Ø5.2 mm (Ø0.2")

HD4CHIP-PK2 Pendant Mount Option
Ø6.2 mm (1.8")
167.3 mm (6.6")

HD4CHIP-WK2 Wall Mount Option
118.0 mm (4.6")
85.6 mm (3.4")
85.6 mm (3.4")
Ø7.4 mm (Ø0.3")
194.4 mm (7.7")
139.3 mm (5.5")
118.0 mm (4.6")
202.1 mm (8.0")

HONEYWELL DEVICE INTEGRATION

MAXPRO® NVR FAMILY	Entry to Enterprise Level Network Video Recorders (version 4.50 and greater)
MAXPRO® VMS FAMILY	Entry to Enterprise Level Network Video VMS (version R450 and greater)
DVM	DVM R600.1 SP1
DVM	DVM R600.1 SP1

For more information,
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