HBL6GR2
Network TDN Low-Light 6 MP IR Rugged Bullet

HD ONVIF® | S G Q

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, Manual, 1/30 – 1/100,000 s
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
ELECTRONIC IMAGE STABILIZATION	Off/On
DEFOG	Auto/Manual/Off
LENS	4.1–16.4 mm, MFZ, F1.53
ANGLE OF VIEW	Horizontal: 86° — 35°
AUDIO/TWO-WAY	Line In/Out
ALARM INPUT/OUTPUT	2/1
ANALOG OUTPUT SUPPORT	BNC
ETHERNET	RJ-45 (100/1000Base-T)

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)
	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	D1/CIF/VGA up to 25/30 fps
	THIRD STREAM	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
SUPPORTED OS		Windows® 7 32-bit/64-bit
COMPATIBILITY		ONVIF Profile S, G and Q
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

IP SPECIFICATIONS (CON'T)	
MAXIMUM USERS ACCESS	20 users
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
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: Xtralis ADPRO IntrusionTrace**, Xtralis ADPRO LoiterTrace**, and License Plate Recognition*** analytics, additional 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
LANGUAGES SUPPORTED	English, Arabic, Czech, Dutch, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Turkish

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	4.3" × 11.1" (110.0 mm × 281.0 mm)
WEIGHT	Product: 4.9 lb. (2.2 kg); Package: 6.4 lb. (2.9 kg)
CONSTRUCTION	Die-cast aluminum housing with powder coat
CONSTRUCTION COLOR	RAL 9003 (White) and RAL 7022 (Grey)

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

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™ and ADPRO® LoiterTrace™ are Xtralis® video content analytics products. Additional license purchase(s) required. See http://www.xtralis.com/analytics for more information.

***Additional license purchase required for License Plate Recognition.
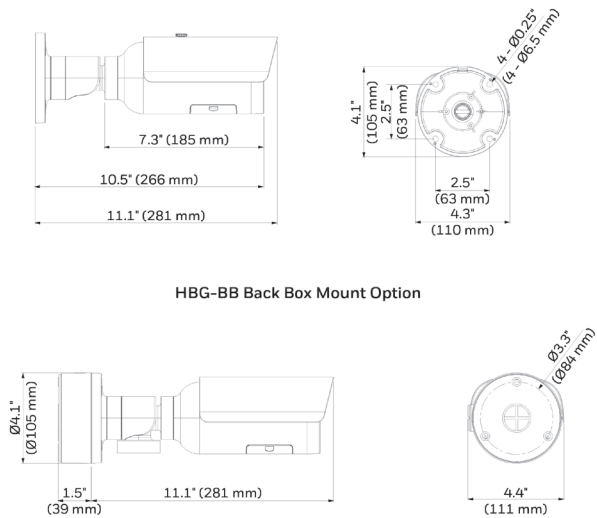
6 MP TDN Low-Light Outdoor IR IP Rugged Bullet Cameras

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.	

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
HUS	HUS 5.1

HOUSING AND MOUNTS		
HB4G-PM		Pole Mount Adapter
HB34G-CM		Corner Mount Adapter
HBG-BB		IP66 Back Box with Gasket (for Cable Termination)
HBG-FP		Front Lens Plate Replacement (if Vandalized)

ORDERING

HBL6GR2	Network TDN Superior HD IR Rugged Bullet Camera, 1/1.8" CMOS, 6 MP, 4.1–16.4 mm MFZ, PoE+, H.265

DIMENSIONS*

7.3" (185 mm)
10.5" (266 mm)
11.1" (281 mm)

4.1" (105 mm)
2.5" (63 mm)
2.5" (63 mm)
4.3" (110 mm)
4- Ø0.25" (4- Ø6.5 mm)

HBG–BB Back Box Mount Option

Ø4.1" (Ø105 mm)
1.5" (39 mm)
11.1" (281 mm)

Ø3.3" (Ø84 mm)
4.4" (111 mm)

* Dimensions drawing shows back box. Back box is compatible with a 4S electrical box.

For more information

www.honeywell.com/security

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