equIP® Cameras
HBL6GR2-LPR

Onvif® | SGQ

Network TDN Low-Light 2 MP IR LPR Rugged Bullet

OPERATIONAL

Video Standard	NTSC/PAL
Scanning System	Progressive scan
Image Sensor	1/1.8" 6MP progressive CMOS (2MP used)
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, 1/30-1/100,000s
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
Electronic Image Stabilization	Off/On
Defog	Auto/Manual/Off
Lens	4.1-16.4mm, 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	1080p (1920×1080)/720p (1280×720)
	4:3	1.3M (1280×960)/VGA (640×480)/CIF (352×288/352×240)
	Other	D1 (704×576/704×480)
Frame Rate	Main Stream	1080p (1920×1080)/1.3M (1280×1080)/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

IP SPECIFICATIONS (CON'T)

Supported Protocols*	IPv4/v6, TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, SSL, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP v2/v3, Bonjour, DNS, DDNS, IEEE 802.1x, QoS, NTP, IP Filter, Multicast, ONVIF
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
Event Notification	Record (SD card and FTP), Relay output, Email, Snapshot
Analytics	Pre-installed and licensed for vehicle License Plate Recognition**.
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 By The User Interface	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 (W×H×D)	4.3" × 4.1" × 11.1" (110 × 105 × 281mm)
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)

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

** See VehicleTrace datasheet on https://hwll.co/analytics for more details.

Honeywell

NETWORK TDN LOW-LIGHT 2 MP IR RUGGED BULLET

ENVIRONMENTAL

Operating Temperature	-40°F to 140°F (-40°C ~ 60°C)
Relative Humidity	Less than 95%, non-condensing
Gore Vents	Yes
Ingress Protection	IP67
Impact Resistance	IK10

REGULATORY

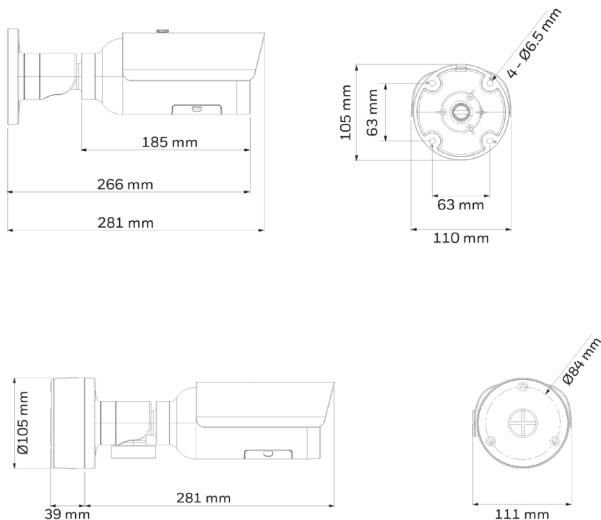|	
Emissions	EN55032, ANSI C63.4-2014, ICE 003 Rev6, AS/NZ CISPR 32:2013
Immunity	EN50130-4
Safety	EU: EN60950-1, EN60950-22 North America UL listed to UL/CSA 60950-1, 60950-22
RoHS	EN50581

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	Maxpro R600 and above

OPTIONAL MOUNTS AND ACCESSORIES

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-LPR	Network TDN LPR HD IR Rugged Bullet Camera, 1/1.8*CMOS, 2MP, 4.1-16.4 mm MFZ, PoE+, H.265, with VehicleTrace pre-installed and licensed.

DIMENSIONS

185 mm
266 mm
281 mm

105 mm
63 mm
4 - Ø6.5 mm
63 mm
110 mm

Ø105 mm
39 mm
281 mm

Ø84 mm
111 mm

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

Find out more

www.honeywell.com/security

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