

# HMBL8GR1

## Network TDN 8 MP IR Rugged Multi-Imager Bullet

### TECHNICAL SPECIFICATIONS

**HD**

#### OPERATIONAL

VIDEO STANDARD	NTSC/PAL
SCANNING SYSTEM	Progressive scan
IMAGE SENSOR	Four 1/2.8" 2 MP progressive CMOS
NUMBER OF PIXELS (H×V)	4096 × 1800
MINIMUM ILLUMINATION	0.008 lux color @ F2.1, 0 lux B/W (IR LEDs on) @ F2.1
S/N RATIO	≥ 50 dB
ELECTRONIC SHUTTER SPEED	Auto, Manual, 1/3 – 1/100,000 s
IR DISTANCE	Up to 98 ft. (30 m), depending on scene reflectance
NUMBER OF IR LEDS	8
DAY/NIGHT	Auto (ICR)/Color/BW
BACKLIGHT COMPENSATION	BLC/HLC/DWDR
WHITE BALANCE	Auto/Natural/Street Lamp/Outdoor/Manual
GAIN CONTROL	Auto/Manual
NOISE REDUCTION	3DNR
PRIVACY MASKING	Up to 4 configurable areas
LENS	Four 3.0 mm, M12, fixed lenses
ANGLE OF VIEW	Horizontal: 180°; Vertical: 80°
AUDIO/TWO-WAY	Line In/Out
ALARM INPUT/OUTPUT	2/2
ETHERNET	RJ-45 (100/1000Base-T)
START-UP TIME*	60 seconds

#### ELECTRICAL

POWER SUPPLY	PoE+ (802.3at) Class 4, 24 VAC
AC FREQUENCY	50/60 Hz
POWER CONSUMPTION	25 W max. (IR LEDs on)

#### IP SPECIFICATIONS

VIDEO COMPRESSION	H.265/H.264/MJPEG; Bit rate control (CBR and VBR)
RESOLUTION	4096×1800/3840×1680/2880×1264 /1024×452/ 1920×832/1280×560
FRAME RATE	
Main Stream	4096×1800 / 3840×1680 / 2880×1264 at 1–25 fps
Sub Stream	1024×452 up to 25/30 fps
Third Stream	1920×832 / 1280×560 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
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
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, Video tampering, Motion detection
EVENT NOTIFICATION	Record (SD card and FTP), Relay output, Email, Snapshot
VIDEO ANALYTICS	Embedded Analytics: Face detection, Audio detection, Video tampering, Motion detection
MICRO SD	Up to 128 GB microSDHC card, Class 10 (not included)
MICRO SD FUNCTION	<ul style="list-style-type: none"><li>• Event trigger recording</li><li>• Continuous and scheduled recording</li><li>• Automatic recording when network fails</li></ul>

**Honeywell**

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MECHANICAL	
DIMENSIONS	11.7" x 6.7" x 4.7" (298.0 mm x 171.0 mm x 120.0 mm)
PRODUCT WEIGHT	6.4 lb. (2.9 kg)
PACKAGE WEIGHT	8.2 lb. (3.7 kg)
OPTIMUM INSTALLATION DISTANCE	>16.4 ft. (5.0 m), depending on the installation angle and the object size
CONSTRUCTION	Die-cast aluminum housing with powder coat
CONSTRUCTION COLOR	RAL 9003 (White)

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

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




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

\* Start-up time when first starting the camera or after upgrading camera firmware will be 3-4 minutes.

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

## RECOMMENDED ACCESSORIES

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

MOUNTS AND ACCESSORIES		
HDZCMA		Corner Mount Adapter for Wall Mount
HDZPMA		Pole Mount Adapter for Wall Mount
HDZJB		Junction Box

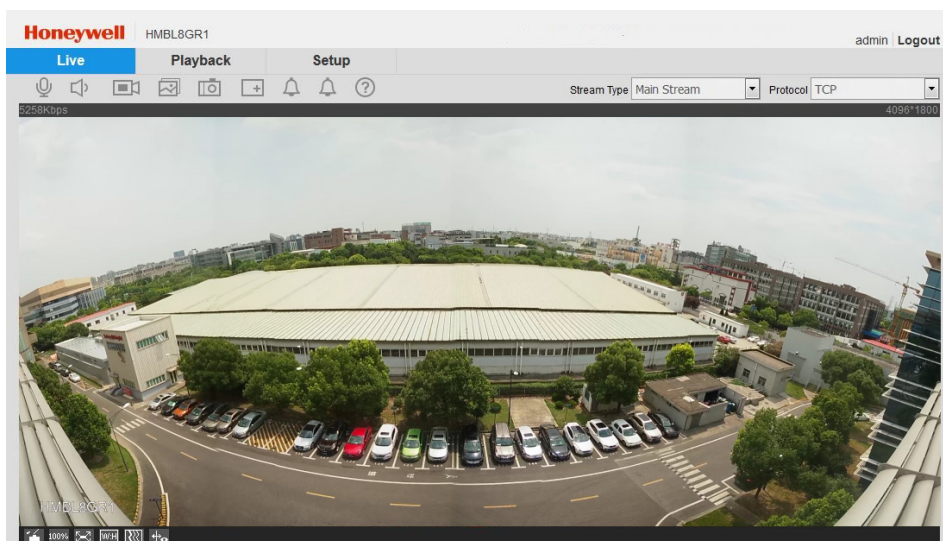
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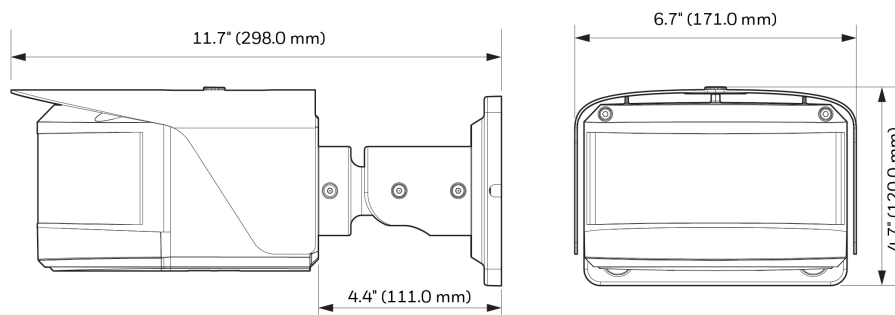
### ORDERING

HMBL8GR1	Network TDN Superior HD IR Rugged Multi-Imager Bullet Camera, Four 1/2.8" CMOS, 8 MP, Four 3.0 mm/M12 Fixed, PoE+, H.265
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### USER INTERFACE



### DIMENSIONS



For more information,  
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