HMBL8GR1

Network TDN 8 MP IR Rugged Multi-Imager Bullet

HD | ONVIF® | S G Q

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: 180º; Vertical: 80º
AUDIO/TWO-WAY	Line In/Out
ALARM INPUT/OUTPUT	2/2
ETHERNET	RJ-45 (100/1000Base-T)
START-UP TIME*	60 seconds

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

IP SPECIFICATIONS (CON'T)	
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	• Event trigger recording • Continuous and scheduled recording • Automatic recording when network fails

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

MECHANICAL	
DIMENSIONS	11.7" × 6.7" × 4.7" (298.0 mm × 171.0 mm × 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	−40ºF to 140ºF (−40ºC to 60ºC)
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 support some of these protocols in the field as they mature over time.

8 MP TDN Low-Light Outdoor IR IP Rugged Multi-Imager 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.

HOUSING AND MOUNTS

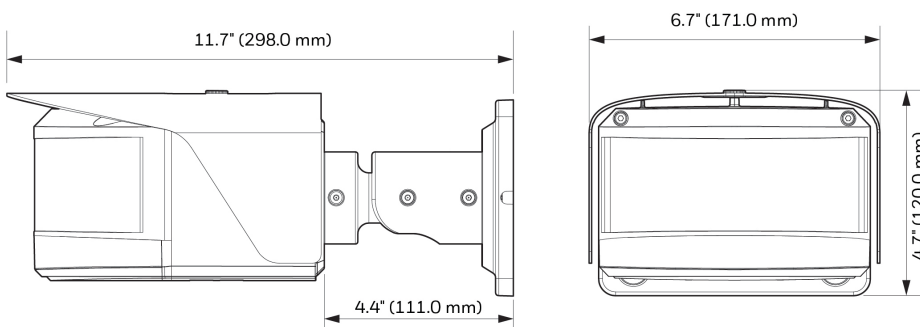|		
HDZCMA		Corner Mount Adapter for Wall Mount
HDZPMA		Pole Mount Adapter for Wall Mount
HDZJB		Junction Box

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

USER INTERFACE
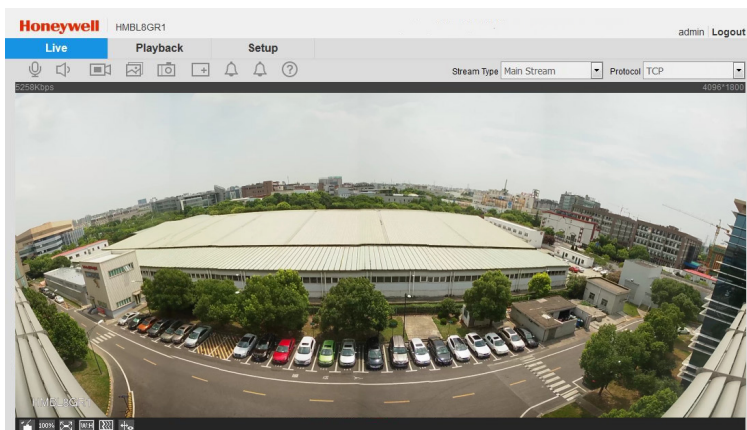
DIMENSIONS

For more information

www.honeywell.com/security

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