

H4D42HD8

WDR 4K IR MFZ Rugged Dome Camera



H4D42HD8








OPERATIONAL	
VIDEO STANDARD	NTSC/PAL
SCANNING SYSTEM	Progressive scan
IMAGE SENSOR	1/2" 8MP CMOS
EFFECTIVE PIXELS (H x V)	3840 x 2160
MINIMUM ILLUMINATION	0.01 lux color @ F1.5, 30IRE, 0 lux B/W with IR LEDs on @ F1.5
S/N RATIO	> 65 dB
ELECTRONIC SHUTTER SPEED	NTSC: 1/3 – 1/100,000 s PAL: 1/4 – 1/100,000 s
RESOLUTION	8MP (3840 x 2160) TVL of Resolution: 2550(H) 2550(V) WDR off 2500(H) 2500(V) WDR on
FRAME RATE	15 fps @ 4K 20 fps @ 6M 25/30 fps @ 4M
VIDEO OUTPUT	1-channel BNC high definition video output/CVBS video output (DIP switch)
IR DISTANCE	Up to 98 ft. (30 m), depending on scene reflectance
NUMBER OF IR LEDs	2 High Power IR LEDs
SMART IR	Auto/Manual
DAY/NIGHT	Auto (ICR)/Manual
BACKLIGHT COMPENSATION	BLC/HLC/WDR
WHITE BALANCE LENS	Auto/Manual
GAIN CONTROL	AGC
WIDE DYNAMIC RANGE	120 dB
NOISE REDUCTION	2DNR/3DNR
PRIVACY MASKING	Up to 8 configurable areas
LENS	3.7 – 11 mm, MFZ lens, F1.5
HORIZONTAL ANGLE OF VIEW	112° ~ 46°
AUDIO	1ch Audio in

ELECTRICAL	
POWER SUPPLY	24 VAC±30% / 12 VDC±30%
POWER CONSUMPTION	8.4 W max. (IR LEDs on)
MECHANICAL	
DIMENSIONS	Ø4.80" x 3.50" (Ø122.0 mm x 88.9 mm)
PRODUCT WEIGHT	1.04 lb. (0.47 kg)
PACKAGE WEIGHT	1.43 lb. (0.65 kg)
CONSTRUCTION	Die-cast aluminum housing with powder coat
CONSTRUCTION COLOR	RAL 9003 (White)
ENVIRONMENTAL	
OPERATING TEMPERATURE	-22°F to 140°F (-30°C to 60°C)
COLD START	Startup should be done at above -22°F (-30°C)
STORAGE TEMPERATURE	-22°F to 140°F (-30°C to 60°C)
RELATIVE HUMIDITY	Less than 90%, non-condensing
INGRESS PROTECTION	IP66
IMPACT RESISTANCE	IK10
REGULATORY	
EMISSIONS	FCC, Part 15B, EN55032:2012 +AC:2013
IMMUNITY	EN50130-4:2011
SAFETY	EU: EN60950-1
ROHS	EN50581:2012

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RECOMMENDED ACCESSORIES

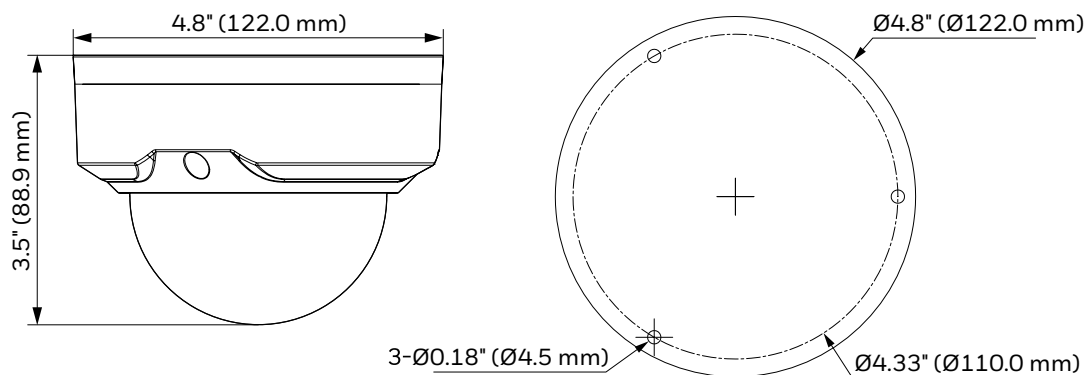
SYSTEM COMPATIBILITY	
HRHT404* HQA DVRS	4 MP, 4-channel, 4 MP@15 fps, 1080p@30/25 fps, 1 SATA, Hybrid HQA DVRS
HRHT408* HQA DVRS	4 MP, 8-channel, 4 MP@15 fps, 1080p@30/25 fps, 2 SATA, Hybrid HQA DVRS
HRHT416* HQA DVRS	4 MP, 16-channel, 4 MP@15 fps, 1080p@30/25 fps, 2 SATA, Hybrid HQA DVRS

HOUSING AND MOUNTS		
HQA-WK		Wall Mount Adapter
HQA-PM2		Pole Mount Adapter
HQA-BB4		Junction Box Adapter
HQA-PK		Pendant Mount cap Adapter
HQA-IC		In-Ceiling bracket Adapter
HQA-CB		Ceiling Mount bracket Adapter
HQA-RS		Rain Shield bracket Adapter

* Pre-installed storage (TB).

ORDERING	
H4D42HD8	WDR 4K IR MFZ Rugged Dome Camera, 1/2" 8 MP CMOS, 3.7-11 mm MFZ Lens, 2 High Power IR LEDs, 12 VDC/24VAC, IP66, IK10

DIMENSIONS



For more information

www.honeywell.com/security

Honeywell Security and Fire

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Honeywell reserves the right, without notification, to make changes in product design or specifications.

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