



HD838IRM

AI-Enabled 4K Autofocus Indoor/Outdoor IP Dome Camera with Night Vision



4K Ultra High Definition resolution for professional quality detail



Intelligent person and vehicle detection analytics using AI deep learning



4x motorized AF zoom lens gives more choices for camera placement and to enlarge a scene



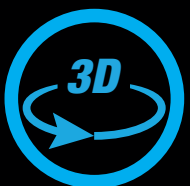
MicroSD slot for up to 128GB of on-camera video backup



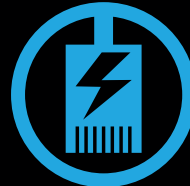
True Wide Dynamic Range (WDR) provides superior image clarity in drastic lighting conditions



Tough IP67 and IK10 rated construction will withstand tough weather conditions and vandalism for exposed installation locations



3-axis gimbal lens adjustment for improved flexibility in placement



With Power over Ethernet, both video and power travel along one cable for easy installation



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Outdoor IP Dome Camera with Night Vision**

Camera Specifications

Model	HD838IRM
Resolution	8MP (3840 × 2160)
Number of Video Streams	2 (High resolution stream for single camera view, low resolution stream for multiple camera view)
Frames Per Second	20 fps @ 8MP (3840 × 2160)
Image Sensor	1 / 2" CMOS
Wide Dynamic Range	True WDR / HDR, 120db
Lens	2.8 ~ 12 mm Motorized Autofocus Zoom
Field Of View (Horizontal)	112° to 46°
Lens Adjustment	3-Axis
Motorized Pan / Tilt	No
Iris Control	Auto Iris
Backlight Compensation	Yes
Auto Gain Control	Yes
AI Analytics	Person and vehicle detection
Minimum Illumination	0.008 Lux (Color); 0.0 Lux (IR LED)
Day / Night	True Day / Night with IR Cut Filter
IR LEDs	High Intensity LEDs with Smart IR Technology
Max IR Range*	Up to 100 feet (30 m) from camera
Optimal IR Range*	Up to 60 feet (20 m) from camera
Compression	H.264 Enhanced Codec
microSD Card Recording	Yes, Up to 128 GB Capacity
Input Voltage	PoE Only IEEE 802.3af Power over Ethernet 48VDC
Power Consumption	12.5W Max
IP Rating	IP67
Tamper/Vandal Resistant	IK10 Rated
Audio	In / Out
Heater	No
Operating Temperature	-22° ~ 140°F (-30° ~ 60°C)
Cold Start Temperature	-22° F (-30° C)
Dimensions	Ø 6" x 4.4" (Ø 153 x 111 mm)
Weight	2 lbs (900 g)
Paintable Cover	Yes
Mounting Hardware Included	Yes
Optional Mounts	Wall Mount, Junction Box, Pendant Mount



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*IR range and image quality can be affected by surfaces that absorb or reflect IR light differently in total darkness. Camera location or direction may need to be adjusted to optimize image quality. Some ambient lighting provides the best results for recording in darkness.