

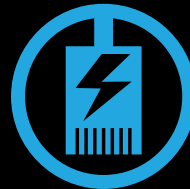
**HD IP**

## HD820

**Autofocus Zoom HD Indoor/Outdoor  
IP Dome Camera with Night Vision**



4MP High Definition for professional quality detail



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



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



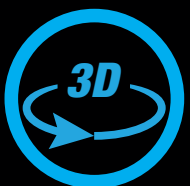
IP66 rated construction to withstand tough weather conditions for outdoor installation



SPECTRUM VISION™ True Wide Dynamic Range (WDR) provides superior image clarity in drastic lighting conditions\*



Built in heater allows the camera to operate in extreme cold weather conditions down to -40° F



3-axis gimbal lens adjustment for improved flexibility in placement



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



## HD820

### Autofocus Zoom HD Indoor/Outdoor IP Dome Camera with Night Vision

#### Camera Specifications

Model	HD820
Resolution	4MP (2592x1520)
Number of Video Streams	2 (High resolution stream for single camera view, low resolution stream for multiple camera view)
Frames Per Second	20 fps @ 4MP (2592 x 1520) or 30 fps @ 3MP (2048x1520)
Image Sensor	1 / 3" CMOS
Wide Dynamic Range	Spectrum Vision True WDR / HDR
Focal Length	2.8 ~ 12 mm Autofocus
FOV	29 ° ~ 95°
Lens Adjustment	3-Axis
Iris Control	Auto Iris
Backlight Compensation	Yes
Auto Gain Control	Yes
Minimum Illumination	0.02 Lux (Color) @ 30IRE; 0.0 Lux (IR LED)
Day / Night	True Day / Night with IR Cut Filter
IR LEDs	2 High Intensity IR LEDs
Max IR Range*	Up to 100 feet (30 m) from camera
Optimal IR Range*	Up to 60 feet (20 m) from camera
Auto White Balance Range	2700K ~ 7800K
Compression	H.264
MicroSD Backup Slot	Up to 128 GB
Input Voltage	PoE Only IEEE 802.3af Power over Ethernet 48vDC
Power Consumption	7.2W Max
ONVIF Compliance	Profile S**
IP Rating	IP66
Tamper/Vandal Resistant	IK10 Rated
Heater	Yes
Operating Temperature	-40° ~ 140°F (-40° ~ 60°C)
Cold Start Temperature	-40° F (-40° C)
Audio	No
Dimensions	Ø 5.8" x 4.4" (Ø 148 x 11 mm)
Weight	1.7 lbs (750 g)
Paintable Cover	Yes
Mounting Hardware Included	Yes
Optional Mounts	Wall Mount, Pedestal Mount, Pole Mount, In-Ceiling 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.  
\*\*Contact manufacturer of the recorder to ensure full function compatibility.