

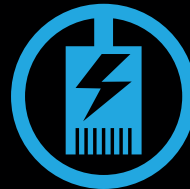
**HD IP**

## HD828

Ultra HD Autofocus Indoor/Outdoor  
IP Dome Camera with Night Vision



4K Ultra High Definition resolution for professional quality detail



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



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



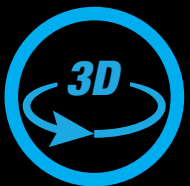
Tough IP67 and IK10 rated construction will withstand tough weather conditions and vandalism for exposed installation locations



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



Reliable operation 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



## HD828

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

#### Camera Specifications

Model	HD828
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	15 fps @ 8MP (3840 × 2160) or 30 fps @ 5MP (2592×1944)
Image Sensor	1 / 2" CMOS
Wide Dynamic Range	Spectrum Vision True WDR / HDR, 120db
Focal Length	2.8 ~ 12 mm Autofocus
FOV	45 ° ~ 115°
Lens Adjustment	3-Axis
Motorized Pan / Tilt	No
Iris Control	Auto Iris
Backlight Compensation	Yes
Auto Gain Control	Yes
Minimum Illumination	0.003 Lux (Color) @ 30IRE; 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 Backup Slot	Up to 128 GB
Input Voltage	PoE Only IEEE 802.3af Power over Ethernet 48vDC
Power Consumption	8.5W Max
ONVIF Compliance	Profile S**
IP Rating	IP67
Tamper/Vandal Resistant	IK10 Rated
Heater	Yes
Operating Temperature	-40° ~ 140°F (-40° ~ 60°C)
Cold Start Temperature	-40° F (-40° C)
Dimensions	Ø 5.8" x 4.4" (Ø 148 x 111 mm)
Weight	1.7 lbs (750 g)
Paintable Cover	Yes
Mounting Hardware Included	Yes
Optional Mounts	Wall Mount, Junction Box, Pendant Mount, Pole Mount, In-Ceiling Mount, Mounting Plate



1-855-2AVERTX  
(1-855-228-3789)

www.avertx.com

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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.