



2.1







5YEAR

Warranty

Megapixel Universal HD / Analog STAR-LIGHT™ WDR IP66 Rated Warranty

Summary

Star-Light™ 2.1MP Universal HD over Coax® cameras deliver crystal-clear images and support real-time 30fps HD-Analog, HD-TVI, HD-CVI to 1080p and all analog signals to 960H. The micro dome cameras are IP66 and IK-10 rated and offers color ring accessories to match any application (sold separately). Star-Light™ Universal HD over Coax® cameras are engineered to work with our VMAX A1™ Universal HD over Coax® DVRs using your existing coax infrastructure for a cost-effective, high resolution surveillance solution.

Features

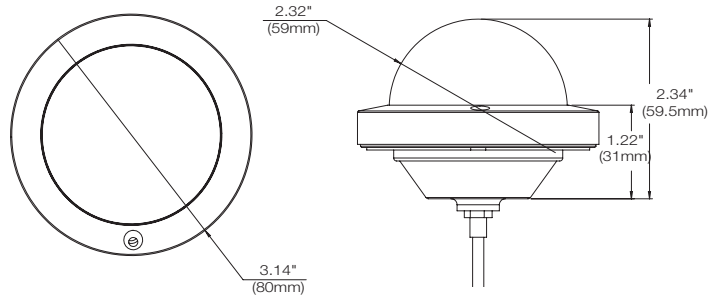
- Universal HD over Coax® technology with HD-Analog, HD-TVI, HD-CVI to 1080p and all analog to 960H signal support
- Star-Light™ super low light technology
- 2.1MP/1080p 1/3" image sensor at real-time 30fps
- 2.8mm fixed lens
- True wide dynamic range (WDR)
- OSD control via Coaxial (UTC)
- Smart DNR™ 3D digital noise reduction
- De-Fog™ extreme weather image compensation
- Highlight masking exposure (HME)
- Easy icon driven OSD menu with built-in joystick
- Programmable Privacy Zones
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- IP66 certified weather and tamper resistant
- Black and white trim rings included
- IK-10 impact rated
- 5 year warranty

Accessories (optional)



Dimensions

unit: Inch (mm)



Specifications

IMAGE	
Image sensor	2.1MP/1080p 1/3" CMOS
Active pixels	1944 (H) x 1092 (V)
Scanning system	Progressive scan
Frequency	60Hz / 50Hz
Signal technology	Universal HD over Coax® technology with HD-Analog, HD-TVI, HD-CVI to 1080p and all analog to 960H signal support
Synchronization	Internal
Resolution	1920 x 1080 (1080p)
Minimum scene illumination	0.06 lux (color)
S/N ratio	55dB
Video output	HD-Analog, HD-TVI, HD-CVI 2.1MP/1080p CVBS Analog up to 960H
LENS	
Focal length	2.8mm
Lens type	Fixed lens
Field of view (FoV)	107.8°
OPERATIONAL	
Shutter mode	Auto, manual, FLC
Shutter speed	1/30-1/30,000
Backlight	On, off
Star-Light™ (Sense-up)	Off, x2 – x32
Wide Dynamic Range (WDR)	True WDR, off, on
Wide Dynamic Range dB	100dB
Dynamic range compressor (DRC)	Off, low, middle, high
Smart DNR™ 3D digital noise reduction	Off, low, middle, high
White balance	Auto / auto-ex / preset / manual
Day and night	Auto, day (color), night (B/W)
Mirror / flip	Yes
Auto gain control	0~10
Motion detection	Yes
Privacy zones	16 programmable privacy zones
Sharpness	0 ~ 10
Gamma	0.45 ~ 0.75
RS485 / UTP Built-in	On, off
ENVIRONMENTAL	
Operating temperature	-4°F ~ 122°F (-20°C ~ 50°C)
Operating humidity	10–90% RH (non-condensing)
IP rating	IP66 certified weather and tamper resistant
IK rating	IK10-rated impact resistant
Other certifications	FCC, CE, ROHS
ELECTRICAL	
Power requirements	DC12V
Power consumption	DC12V: 1.7W
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate micro dome
Dimensions	3.15" x 2.34" (80 x 59.5mm)
Weight	0.56lbs