



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 and all analog signals to 960H. Our unique Snapit™ housing is IP68 rated and makes installation a snap!. 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

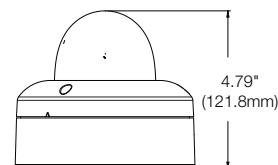
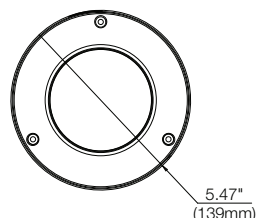
- Universal HD over Coax® technology with HD-Analog, HD-TVI, HD-CVI and all analog to 960H signal support
- Star-Light™ super low light technology
- 2.1MP/1080p 1/3" image sensor at real-time 30fps
- 2.8-12mm motorized zoom auto-focus p-iris lens
- True wide dynamic range (WDR)
- OSD control via Coaxial (UTC)
- Snapit™ easy installation housing
- CleanView™ hydrophobic dome coating repels water, dust and grease
- Cold Start -40°F (-40°C)
- Smart DNR™ 3D digital noise reduction
- De-Fog™ extreme weather image compensation
- Highlight masking exposure (HME)
- Auto sensing 24VAC/12VDC with line lock
- Easy icon driven OSD menu with built-in joystick
- Programmable Privacy Zones
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- UTP built-in
- Junction box built-in
- RS-485 built-in
- IP68 certified water and tamper resistant
- 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	0.3 lux (color)
S/N ratio	55dB
Video output	HD-Analog, HD-TVI, HD-CVI 2.1MP/1080p CVBS Analog up to 960H
I/O	
Alarm output	1 alarm output
LENS	
Focal length	2.8 - 12mm
Lens type	Motorized zoom auto-focus p-iris lens
Field of view (FoV)	91 - 28°
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 (WDR) 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 / 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
De-fog	On, off
RS485 / UTP built-in	Pelco D / Pelco C
ENVIRONMENTAL	
Operating temperature	-40°F - 122°F (-40°C - 50°C)
Operating humidity	10-90% RH (non-condensing)
IP rating	IP68 certified water and tamper resistant
IK rating	IK10-rated impact resistant
Other certifications	FCC, CE, ROHS
ELECTRICAL	
Power requirements	DC12V / AC24V dual-voltage
Power consumption	DC12V: 3.0W AC24V: 2.3W
MECHANICAL	
Material	Snapit™ aluminum vandal housing, polycarbonate dome
Dimensions	5.47" x 4.79" (139 x 121.8 mm)
Weight	2.05lbs (0.93kg)