



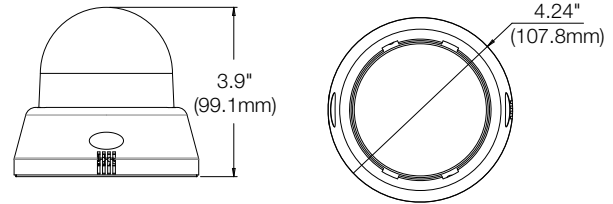
NDAA/TAA
COMPLIANT PRODUCTS

4K
ULTRA HD
30fps

Dimensions

Unit: Inch (mm)

UNIVERSAL HD COAX
UTC



Summary

Featuring Star-Light Plus™ color in near-total darkness, the 4K Universal HD over Coax® cameras are NDAA/TAA compliant, delivering crystal-clear images and support HD-Analog, HD-TVI HD-CVI and all legacy analog signal. The unique Snapit™ housing makes installation a snap! And can be controlled via the same coax cable using UTC. All Star-Light Plus™ 4K cameras are engineered to work with our VMAX® A1 4K™ 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 legacy analog signal support
- Star-Light Plus™ color in near-total darkness technology
- 1/1.8" image sensor
- 4K at 15fps, 4MP or 2.1MP/1080p at real-time 30fps
- Built-in microphone
- 3.6 - 10mm vari-focal motorized zoom p-iris lens with auto-focus
- True wide dynamic range (WDR)
- OSD control via coaxial (UTC)
- Snapit™ easy installation housing
- 70' Smart IR™ with intelligent camera sync.
- Smart DNR™ 3D digital noise reduction
- True day/night mechanical IR cut filter
- De-Fog™ extreme weather image compensation
- 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)
- NDAA/TAA compliant
- 5 year warranty

Accessories (Optional)



Specifications

IMAGE	
Image sensor	4K 1/1.8" CMOS
Active pixels	3864 (H) x 2176 (V)
Scanning system	Progressive scan
Frequency	60Hz/50Hz
Signal technology	Universal HD over Coax® technology with HD-Analog, HD-TVI, HD-CVI to 4K and CVBS
Synchronization	Internal
Resolution	Max 3840 x 2160
Minimum scene illumination	0.09 lux (color) 0 lux (B/W)
Video output	4K @ 15fps 4MP/1440p @ 30fps 2.1MP/1080p @ 30fps
2nd video output	CVBS output for video testing
I/O	
Audio input/output	1 built-in microphone
Audio sensitivity	-38dB ±2dB (sensitivity)
Audio frequency response	50Hz - 10KHz (frequency response)
LENS	
Focal length	3.6 - 10mm
Lens type	Vari-focal p-iris lens with motorized zoom and auto-focus
Field of view (FoV)	98.4 - 45.7°
IR distance	70ft range
OPERATIONAL	
Shutter mode	Auto
Shutter speed	1/30-1/30,000
Backlight compensation (BLC)	Yes
Star-Light™ (sense-up)	Off-x32 (not available at 4K)
Wide Dynamic Range (WDR)	Double shutter true WDR
Wide dynamic Range (WDR) dB	120dB
Smart DNR™ 3D digital noise reduction	3D/2D DNR
White balance	Yes
Highlight masking exposure (HME)	Yes
Dynamic range compression (DRC)	Yes
Day/night	Auto, day (color), night (B/W)
Mirror/flip	Yes
Auto gain control	Max 60dB
Motion detection	Yes
Privacy zones	Yes
Sharpness	Yes
Gamma	0.45
De-fog	Yes
RS485/UTP built-in	UTC
ENVIRONMENTAL	
Operating temperature	-4°F - 122°F (-20°C - 50°C)
Operating humidity	10-90% RH (non-condensing)
Other certifications	FCC, CE, ROHS
ELECTRICAL	
Power requirements	DC12V/AC24V dual voltage
Power consumption	DC12V (LED off): 5.76W, 480mA
	DC12V (LED on): 7.92W, 660mA
	AC24V (LED off): 6.49W, 429mA AC24V (LED on): 7.15W, 495mA
MECHANICAL	
Material	Snapit™ plastic housing, polycarbonate dome
Dimensions	4.24" x 3.9" (107.8 x 99.1 mm)
Weight	0.55lbs (0.25kg)
Warranty	5 year warranty