



Summary

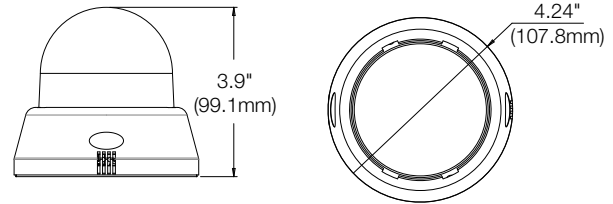
Featuring Star-Light Plus™ color in darkness, 5MP Star-Light Plus™ Universal HD over Coax® cameras deliver crystal-clear images and support HD-Analog, HD-TVI and HD-CVI signals, and all legacy analog signal. The unique Snapit™ housing makes installation a snap! and can be controlled via the same coax cable using UTC. All DW® Universal HD over Coax® cameras are engineered to work with our VMAX® A1 Plus™ 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 darkness technology
- 1/2.8" image sensor
- 5MP at 20fps, 4MP at real-time 30fps
- Built-in microphone
- 2.7-13.5mm 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)
- 1 alarm output
- UTP built-in
- 5 year warranty

Dimensions

unit: Inch (mm)



Specifications

IMAGE	
Image sensor	5MP 1/2.8" CMOS
Active pixels	2608(H) x 1960(V)
Scanning system	Progressive scan
Frequency	60Hz / 50Hz
Signal technology	Universal HD over Coax® technology with HD-Analog, HD-TVI, HD-CVI to 5MP and all analog to 960H
Synchronization	Internal
Resolution	2592(H) x 1944(V)
Minimum scene illumination	0.08 lux (color) 0 lux (B&W)
Video output	HD-Analog and HD-TVI: 5MP/1944p @ 20fps and 12.5fps HD-Analog, HD-TVI and HD-CVI: 4MP/1440p @ 30fps HD-Analog, HD-TVI and HD-CVI: 2.1MP/1080p @ 30fps HD-Analog, HD-TVI and HD-CVI: 720p @ 30fps Analog CVBS: Up to 960H @ 30fps
2nd video output	CVBS output for video testing
I/O	
Alarm output	1 alarm output
Audio input/output	1 built-in microphone
Audio sensitivity	-38dB ±2dB (Sensitivity)
Audio frequency response	50Hz - 10KHz (Frequency Response)
LENS	
Focal length	2.7 - 13.5mm
Lens type	Vari-focal p-iris lens with motorized zoom and auto-focus
Field of view (FoV)	85 - 32°
IR distance	100ft range
OPERATIONAL	
Shutter mode	Auto
Shutter speed	1/30-1/30,000
Backlight (BLC)	Yes
Star-Light (sense-up)	Off - x32
Wide Dynamic Range (WDR)	Double shutter WDR
Wide dynamic range (WDR) dB	120dB
Smart DNR™ 3D digital noise reduction	3D/2D DNR
White balance	Yes
Day / night	Auto, day (color), night (B/W)
Mirror / flip	Yes
Auto gain control	Max 72dB
Motion detection	Yes
Privacy zones	Yes
Sharpness	Yes
Gamma	0.45
De-fog	Yes
RS485 / UTP built-in	Pelco D / 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): 4.62W (385mA) DC12V(LED ON): 7.13W (595mA)
	AC24V(LED OFF): 3.96W (280mA) AC24V(LED ON): 6.5W (410mA)
MECHANICAL	
Material	Snapit™ plastic housing, polycarbonate dome
Dimensions	4.24" x 3.9" (107.8 x 99.1 mm)
Weight	0.55lbs (0.25kg)