NDAA COMPLIANT PRODUCT
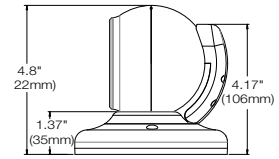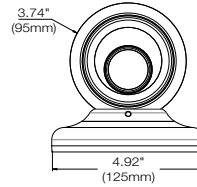
4K ULTRA HD

30fps

UNIVERSAL HDCOAX® + UTC

4K Resolution

Universal HD / Analog

Star-Light Plus™

Motorized Zoom Auto-Focus P-Iris Lens

IP67 Rated

5YEAR Warranty

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 weather-resistant turret cameras are IP67 rated, eliminate IR reflections, 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
- 3.6 ~ 10mm vari-focal motorized zoom p-iris lens with auto-focus
- True wide dynamic range (WDR)
- OSD control via coaxial (UTC)
- Turret housing reduces IR reflection with true 90° tilting and 360° rotation
- 80′ 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
- Programmable privacy zones
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- UL listed
- NDAA compliant
- IP67 dust-tight and waterproof to 3 feet
- IK 10-rated impact-resistant
- 5 year warranty

Accessories (Optional)

DWC-VACM Ceiling mount bracket

DWC-VAWM Wall mount bracket

DWC-VAJUNC Junction box

Dimensions
Unit: Inch (mm)

3.74" (95mm)

4.92" (125mm)

4.8" 22mm)

1.37" (35mm)

4.17" (106mm)

Specifications

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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
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	80ft 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 ture 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)
IP rating	IP67-rated
IK rating	IK10-rated impact resistant
Other certifications	UL listed, FCC, CE, ROHS
ELECTRICAL	
Power requirements	DC12V/AC24V dual voltage
Power consumption	DC12V (LED off): 5.517W, 460mA DC12V (LED on): 8.98W, 748mA
	AC24V (LED off): 5.06W, 358mA AC24V (LED on): 8.03W, 552mA
MECHANICAL	
Material	Aluminum turret housing
Dimensions	4.92" x 4.8" (125 x 122 mm)
Weight	1.58lbs (0.72kg)
Warranty	5 year warranty

Built for Users.™

866.446.3595

sales@digital-watchdog.com

www.digital-watchdog.com

DW®