



5MP at 20fps
 Universal HD / Analog
 Star-Light Plus™
 2.7-13.5mm Vari-focal P-Iris Lens
 IP67 Rated
5 YEAR Warranty

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 weather resistant vandal ball cameras are IP66 rated, eliminate IR reflections, 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
- 2.7-13.5mm vari-focal motorized zoom p-iris lens with auto-focus
- True wide dynamic range (WDR)
- OSD control via coaxial (UTC)
- 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
- Easy icon driven OSD menu with built-in joystick
- Programmable privacy zones
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- IP67 environmental-rated dust-tight and water-resistant
- IK 10-rated impact-resistant
- 5 year warranty

Accessories (Optional)



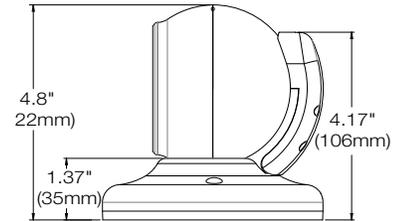
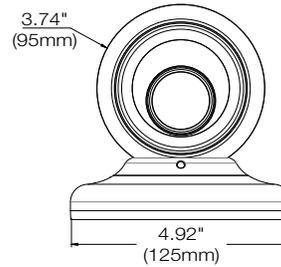
DWC-VACM
Ceiling mount bracket



DWC-VAWM
Wall mount bracket

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
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	80ft 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	UTC
ENVIRONMENTAL	
Operating temperature	-4°F - 122°F (-20°C - 50°C)
Operating humidity	10-90% RH (non-condensing)
IP rating	IP67 environmental-rated dust-tight and water-resistant
IK rating	IK 10-rated impact-resistant
Other certifications	FCC, CE, ROHS
ELECTRICAL	
Power requirements	DC12V / AC24V dual-voltage
Power consumption	DC12V(LED OFF): 4.36W (363mA) DC12V(LED ON): 7.6W (638mA) AC24V(LED OFF): 4.5W (278mA) AC24V(LED ON): 6.27W (456mA)
MECHANICAL	
Material	Aluminum vandal ball housing
Dimensions	4.92" x 4.8" (125 x 122 mm)
Weight	1.58lbs (0.72kg)