



**5MP**

at 20fps



Universal HD / Analog



Star-Light Plus<sup>™</sup>



4.0mm Fixed Lens



WDR

**5YEAR**

Warranty

## Summary

Featuring Star-Light Plus<sup>™</sup> color in near-total darkness, 5MP Star-Light Plus<sup>™</sup> Universal HD over Coax<sup>®</sup> cameras deliver crystal-clear images and support HD-Analog, HD-TVI and HD-CVI. The compact micro dome cameras are IP66 rated and can be controlled via the same coax cable using UTC. All DW<sup>®</sup> Universal HD over Coax<sup>®</sup> cameras are engineered to work with our VMAX<sup>®</sup> A1 Plus<sup>™</sup> DVRs using your existing coax infrastructure for a cost effective, high resolution surveillance solution.

## Features

- Universal HD over Coax<sup>®</sup> technology with HD-Analog, HD-TVI, HD-CVI
- Star-Light<sup>™</sup> color in near-total darkness technology
- 1/2.8" image sensor
- 5MP at 20fps, 4MP at real-time 30fps
- 4.0mm fixed lens
- True wide dynamic range (WDR)
- OSD control via coaxial (UTC)
- 50' Smart IR<sup>™</sup> with intelligent camera sync.
- Smart DNR<sup>™</sup> 3D digital noise reduction
- True day/night mechanical IR cut filter
- De-Fog<sup>™</sup> extreme weather image compensation
- Easy icon driven OSD menu with built-in joystick
- Programmable privacy zones
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- IP66 environmental-rated dust-tight and water-resistant
- IK 10-rated impact-resistant
- 5 year warranty

## Accessories (Optional)



DWC-MCBLK  
Black trim ring,  
included



DWC-MCRED  
Red trim ring



DWC-MCBLU  
Blue trim ring



DWC-MCWHT  
White trim ring,  
included



DWC-MCGRN  
Green trim ring



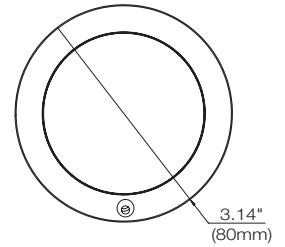
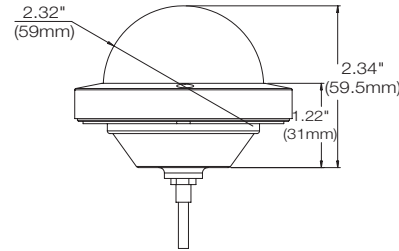
DWC-MCAM  
Angle mount



DWC-MCSM  
Surface mount

## 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 <sup>®</sup> technology with HD-Analog, HD-TVI, HD-CVI to 5MP
Synchronization	Internal
Resolution	2592(H) x 1944(V)
Minimum scene illumination	0.16 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
LENS	
Focal length	4.0mm
Lens type	Fixed lens
Field of view (FoV)	82°
IR distance	50ft 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 <sup>™</sup> 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	IP66 environmental-rated dust-tight and water-resistant
IK rating	IK 10-rated impact-resistant
Other certifications	FCC, CE, ROHS
ELECTRICAL	
Power requirements	DC12V
Power consumption	DC12V(LED OFF): 1.98W (165mA) DC12V(LED ON): 2.62W (218mA)
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate micro dome
Dimensions	3.14" x 2.34" (80 x 59.5mm)
Weight	0.56lbs (0.25kg)