



**2.1MP** Resolution    Universal HD / Analog    Star-Light™    3.6mm Fixed Lens    IP67 Rated    **5 YEAR** Warranty

## Summary

Star-Light™ 2.1MP Universal HD over Coax<sup>®</sup> cameras deliver crystal-clear images and support real-time 30fps HD-Analog, HD-TVI, HD-CVI and all analog signals to 960H. The micro dome vandal resistant cameras are IP67-rated and includes color ring accessories to match any application. Star-Light™ Universal HD over Coax<sup>®</sup> cameras are engineered to work with our VMAX A1™ Universal HD over Coax<sup>®</sup> DVRs using your existing coax infrastructure for a cost-effective, high resolution surveillance solution.

## Features

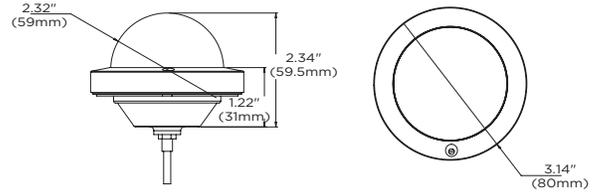
- Universal HD over Coax<sup>®</sup> technology with HD-Analog, HD-TVI, HD-CVI and all analog to 960H signal support
- Star-Light™ super low light technology
- 2.1MP/1080p 1/3" image sensor at real-time 30fps
- 3.6mm fixed lens
- True wide dynamic range (WDR)
- OSD control via Coaxial (UTC)
- 50' Smart IR™ with intelligent camera sync.
- Smart DNR™ 3D digital noise reduction
- True day/night mechanical IR cut filter
- De-Fog™ extreme weather image compensation
- Highlight masking exposure (HME)
- Easy icon driven OSD menu with built-in joystick
- 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 impact rated
- Black and white trim rings included
- 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

Designed and engineered in U.S.A and Korea



IMAGE	
Image sensor	2.1MP/1080p 1/3" CMOS
Active pixels	1944 (H) x 1092 (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 1080p and all analog to 960H signal support
Synchronization	Internal
Resolution	1920 x 1080 (1080p)
Minimum scene illumination	0.06 lux (color) 0 lux (B&W)
S/N ratio	55dB
Video output	HD-Analog, HD-TVI, HD-CVI 2.1MP/1080p CVBS Analog up to 960H
LENS	
Focal length	3.6mm
Lens type	Fixed lens
IR distance	50ft range
OPERATIONAL	
Shutter mode	Auto, manual, FLC
Shutter speed	1/30-1/30,000
Backlight	On, off
Star-Light™ (Sense-up)	Off, x2 - x32
Wide Dynamic Range (WDR)	True WDR, off, on
Wide Dynamic Range dB	100dB
Dynamic range compressor (DRC)	Off, low, middle, high
Smart DNR™ 3D digital noise reduction	Off, low, middle, high
White balance	Auto / auto-ex / preset / manual
Day and night	Auto, day (color), night (B/W)
Mirror / flip	Yes
Auto gain control	0-10
Motion detection	Yes
Privacy zones	16 programmable privacy zones
Sharpness	0 - 10
Gamma	0.45 - 0.75
RS485 / UTP Built-in	On, off
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
Power consumption	DC12V (LED OFF): 1.7W DC12V (LED ON): 2.9W
MECHANICAL	
Material	Aluminum vandal housing, polycarbonate micro dome
Dimensions	3.15" x 2.34" (80 x 59.5mm)
Weight	0.56lbs
Warranty	5 year warranty



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