STAR-LIGHT™
Universal HD Super Low Light Cameras

Auto Focus Lens

-40° Cold Start

Snapit™

2.1 Megapixel | Universal HD / Analog | STAR-LIGHT™ | WDR | IP68 Rated | **5** YEAR Warranty

Summary

STAR-LIGHT™ 2.1MP Universal HD over COAX® cameras deliver crystal clear images and support real-time 30fps HD-Analog, HD-TVI, HD-CVI and all analog signals to 960H. Our unique Snapit™ housing is IP68 rated and makes installation a snap!. STAR-LIGHT™ Universal HD over COAX® cameras are engineered to work with our VMAX A1™ Universal HD over COAX® 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 analog to 960H signal support
- Star-Light™ super low light technology
- 2.1MP/1080p 1/3" image sensor at real-time 30fps
- 2.8~12mm motorized zoom auto-focus p-iris lens
- True wide dynamic range (WDR)
- OSD control via Coaxial (UTC)
- Snapit™ easy installation housing
- CleanView™ hydrophobic dome coating repels water, dust and grease
- Cold Start -40°F (-40°C)
- 100' 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)
- 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)
- UTP built-in
- Junction box built-in
- RS-485 built-in
- IP68 certified water and tamper resistant
- IK-10 impact rated
- 5 year warranty

Accessories (Optional)

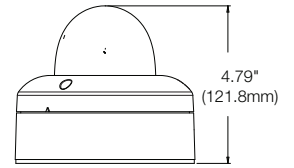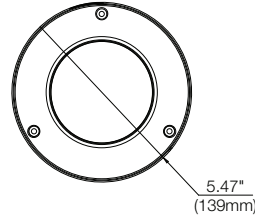**DWC-V4SSLD** Sunshield cover

DWC-V4CM Ceiling mount bracket

DWC-V4WM Wall mount bracket

DWC-FMSNAP Flush mount

Dimensions
unit: Inch (mm)

5.47" (139mm)

4.79" (121.8mm)

UNIVERSAL HDCOAX + UTC

Specifications

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® 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	0.3 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
I/O	
Alarm output	1 alarm output
LENS	
Focal length	2.8 ~ 12mm
Lens type	Motorized zoom auto-focus p-iris lens
Field of view (FoV)	91 - 28°
IR distance	100ft 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 (WDR) 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 / 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
De-fog	On, off
RS485 / UTP built-in	Pelco D / Pelco C
ENVIRONMENTAL	
Operating temperature	-40°F ~ 122°F (-40°C ~ 50°C)
Operating humidity	10–90% RH (non–condensing)
IP rating	IP68 certified water and tamper resistant
IK rating	IK10-rated impact resistant
Other certifications	FCC, CE, ROHS
ELECTRICAL	
Power requirements	DC12V / AC24V dual-voltage
Power consumption	DC12V (LED OFF): 3.0W DC12V (LED ON): 5.2W AC24V (LED OFF): 2.3W AC24V (LED ON): 4.6W
MECHANICAL	
Material	Snapit™ aluminum vandal housing, polycarbonate dome
Dimensions	5.47" x 4.79" (139 x 121.8 mm)
Weight	2.05lbs (0.93kg)

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DW
Complete Surveillance Solutions™