STAR-LIGHT PLUS™
Color in Darkness Universal HD over Coax® cameras

2.8mm Fixed Lens

4K ULTRA HD

UNIVERSAL HD COAX + UTC

4K Resolution | Universal HD / Analog | Star-Light Plus™ | 2.8mm Fixed Lens | WDR | **5** YEAR Warranty

Dimensions
unit: Inch (mm)

8.83" (224.5mm)

3.81" (96.7mm)
3.07" (78mm)
0.16" (4.5mm)

3.7" (94mm)
8.11" (206mm)

Summary

Featuring Star-Light Plus™ color in near-total darkness, 4K Universal HD over Coax® cameras deliver crystal-clear images and support HD-Analog, HD-TVI HD-CVI and all legacy analog signal support. The weather-resistant bullet cameras are IP66 rated 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™ color in near-total darkness technology

• 1/1.8" image sensor

• 4K at 15fps, 4MP or 2.1MP/1080p at real-time 30fps

• 2.8mm fixed lens

• True wide dynamic range (WDR)

• OSD control via coaxial (UTC)

• 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

• 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

• 5 year warranty

Accessories (Optional)
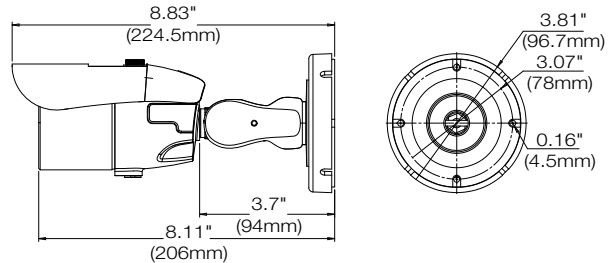
DWC-BLJUNC
Junction box

DWC-PMB-BU
Pole mount

Specifications

IMAGE	
Image sensor	4K 1/1.8" CMOS
Active pixels	3864(H) x 2176(V)
Scanning system	Progressive scan
Frequency	60Hz
Signal technology	Universal HD over Coax® technology with HD-Analog, HD-TVI, HD-CVI to 4K and CVBS at 960H
Synchronization	Internal
Resolution	Max 3840 x 2160
Minimum scene illumination	0.1 lux (color)
	0 lux (B/W)
Video output	4K @ 15 fps, 4MP/1440p @ 30 fps, 2.1MP/1080p @ 30 fps
2nd video output	CVBS output for video testing
LENS	
Focal length	2.8mm
Lens type	Fixed lens
Field of view (FoV)	106.5°
IR distance	100ft range
OPERATIONAL	
Shutter mode	Auto
Shutter speed	1/30-1/30,000
Backlight (BLC)	Yes
Star-Light™ (sense-up)	Off-x32 (disabled at 4K)
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
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
Highlight masking exposure (HME)	Yes
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 water and dust-resistant
Other certifications	FCC, CE, ROHS
ELECTRICAL	
Power requirements	DC12V
Power consumption	DC12V (LED off): 3W, 250mA DC12V (LED on): 4.2W, 352mA
MECHANICAL	
Material	Aluminum bullet housing
Dimensions	8.83" x 3.81" (224.5 x 96.7 mm)
Weight	1.65lbs (0.75kg)
Warranty	5 year warranty

: 866.446.3595 | : sales@dwcc.tv | : www.digital-watchdog.com

DW ®
Complete Surveillance Solutions™