**Vari-Focal P-Iris Lens**

**UNIVERSAL HD COAX® + UTC**

**5MP** at 20fps | Universal HD / Analog | Star-Light Plus™ | 2.7~13.5mm Vari-focal P-Iris 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 darkness, 5MP Star-Light Plus™ Universal HD over Coax® cameras deliver crystal-clear images and support HD-Analog, HD-TVI and HD-CVI. The weather resistant bullet cameras are IP66 rated 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
- 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 p-iris 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
- 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)
- 1 alarm output
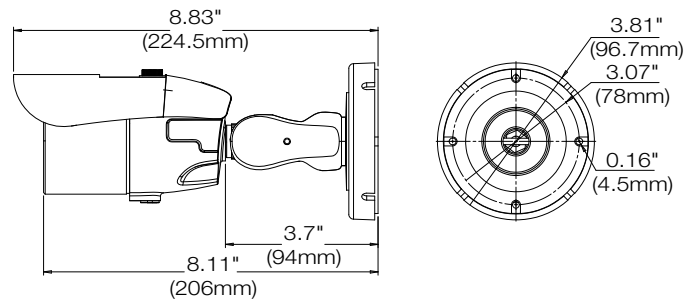- IP66 environmental-rated dust-tight and water-resistant
- 5 year warranty

## 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 |
| 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 |
| 2nd video output | CVBS output for video testing |
| I/O | |
| Alarm output | 1 alarm output |
| LENS | |
| Focal length | 2.7 - 13.5mm |
| Lens type | Vari-focal p-iris lens |
| Field of view (FoV) | 122 - 40.8° |
| IR distance | 100ft 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 | Pelco D / 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 |
| Other certifications | FCC, CE, ROHS |
| ELECTRICAL | |
| Power requirements | DC12V/AC24V dual voltage |
| Power consumption | DC12V(LED OFF): 3.3W (275mA) / DC12V(LED ON): 5W (420mA) |
| | AC24V(LED OFF): 2.86W (220mA) / AC24V(LED ON): 4.4W (310mA) |
| MECHANICAL | |
| Material | Aluminum bullet housing |
| Dimensions | 8.83" x 3.81" (224.5 x 96.7 mm) |
| Weight | 1.65lbs (0.75kg) |

## Accessories (Optional)

**DWC-BLJUNC** Junction box

**DWC-PMB-BU** Pole mount

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# DW
*Complete Surveillance Solutions™*