



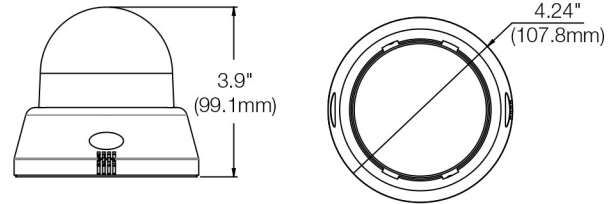
NDAA/TAA
COMPLIANT PRODUCTS

4K
ULTRA HD
30fps

UNIVERSAL HD COAX
UTC

Dimensions

Unit: Inch (mm)



Summary

Featuring Star-Light Plus™ color in near-total darkness, the 4K Universal HD over Coax® cameras are NDAA/TAA compliant, delivering crystal-clear images and support HD-Analog, HD-TVI HD-CVI and all legacy analog signal. The unique Snapit™ housing makes installation a snap! 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 Plus™ color in near-total darkness technology
- 1/1.8" image sensor
- 4K at 15fps, 4MP or 2.1MP/1080p at real-time 30fps
- Built-in microphone
- 3.6 - 10mm vari-focal motorized zoom p-iris lens with auto-focus
- True wide dynamic range (WDR)
- OSD control via coaxial (UTC)
- Snapit™ easy installation housing
- 70' 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)
- NDAA/TAA compliant
- 5 year warranty

Accessories (Optional)



Specifications

| IMAGE | |
|---------------------------------------|--|
| Image sensor | 4K 1/1.8" CMOS |
| Active pixels | 3864 (H) x 2176 (V) |
| Scanning system | Progressive scan |
| Frequency | 60Hz/50Hz |
| Signal technology | Universal HD over Coax® technology with HD-Analog, HD-TVI, HD-CVI to 4K and CVBS |
| Synchronization | Internal |
| Resolution | Max 3840 x 2160 |
| Minimum scene illumination | 0.09 lux (color) 0 lux (B/W) |
| Video output | 4K @ 15fps 4MP/1440p @ 30fps 2.1MP/1080p @ 30fps |
| 2nd video output | CVBS output for video testing |
| I/O | |
| Audio input/output | 1 built-in microphone |
| Audio sensitivity | -38dB ±2dB (sensitivity) |
| Audio frequency response | 50Hz - 10KHz (frequency response) |
| LENS | |
| Focal length | 3.6 - 10mm |
| Lens type | Vari-focal p-iris lens with motorized zoom and auto-focus |
| Field of view (FoV) | 98.4 - 45.7° |
| IR distance | 70ft range |
| OPERATIONAL | |
| Shutter mode | Auto |
| Shutter speed | 1/30-1/30,000 |
| Backlight compensation (BLC) | Yes |
| Star-Light™ (sense-up) | Off-x32 (not available at 4K) |
| Wide Dynamic Range (WDR) | Double shutter true 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 |
| 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) |
| Other certifications | FCC, CE, ROHS |
| ELECTRICAL | |
| Power requirements | DC12V/AC24V dual voltage |
| Power consumption | DC12V (LED off): 5.76W, 480mA |
| | DC12V (LED on): 7.92W, 660mA |
| | AC24V (LED off): 6.49W, 429mA AC24V (LED on): 7.15W, 495mA |
| MECHANICAL | |
| Material | Snapit™ plastic housing, polycarbonate dome |
| Dimensions | 4.24" x 3.9" (107.8 x 99.1 mm) |
| Weight | 0.55lbs (0.25kg) |
| Warranty | 5 year warranty |