

AVIGILON UNITY CAMERA ANALYTICS COMPARISON CHART



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AVIGILON UNITY CAMERAS



| | H6A | H6X | H6SL | H6 MINI DOME | H5A | H5A FISHEYE | H5A DUAL HEAD | H5A MULTISENSOR | H5A MODULAR |
|---------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|
| Analytic Detection Distance | Long-range | Long-range | Short-range | Short-range | Long-range | Short-range | Short-range | Mid-range | Short-range |
| Self-Learning Classified Object Detection | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ ² | ✓ | ✓ | ✓ |
| Teach By Example Object Detection | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Unusual Motion Detection | | | | | | | | | |
| Unusual Activity Detection | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Unusual Crowd Detection | ✓ | ✓ | | | | | | | |
| Audio Analytics Detection | ✓ | | | | | | | | |
| Classified Object Motion Search Support | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Appearance Search Support | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Facial Recognition Support | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ |
| License Plate Recognition Support | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | |
| No Face Mask Detection Support | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Visible Firearm Detection Support (available in U.S. only) | ✓ ¹ | ✓ ¹ | ✓ ¹ | ✓ ¹ | ✓ ¹ | | ✓ ¹ | | ✓ ¹ |
| Video Analytic Events & Alerts | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Base Subclasses: Person, Car, Bus, Bicycle, Motorcycle, Truck | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ |
| Truck Subclasses: Van, Pick-Up Truck, Large Truck | ✓ | ✓ | | | | | | | |
| Vehicle Subclass Events and Alerts | ✓ | ✓ | | | | | | | |
| Radiometric Events and Alerts | | | | | | | | | |
| Dynamic Privacy Masking | ✓ | ✓ | | | | | | | |
| PTZ Auto-Tracking | | | | | | | | | |

¹ Subject to camera pixel density and field of view. AI NVR required.

² Person detection only in-ceiling mounted position.

AVIGILON UNITY CAMERAS



| | H5A CORNER | H5A THERMAL | H5A PTZ | H5A IR PTZ | H5A RUGGED PTZ | H5 PRO | H5M | H4 LPC |
|---------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------|
| Analytic Detection Distance | Short-range | Long-range | Long-range | Long-range | Long-range | Long-range | Short-range | Long-range |
| Self-Learning Classified Object Detection | ✓ | ✓ | ✓ ³ | ✓ ³ | ✓ ³ | ✓ ⁵ | | |
| Teach By Example Object Detection | ✓ | ✓ | ✓ ³ | ✓ ³ | ✓ | ✓ | | |
| Unusual Motion Detection | | | | | | | ✓ | |
| Unusual Activity Detection | ✓ | | ✓ ³ | ✓ ³ | ✓ ³ | ✓ ⁵ | | |
| Unusual Crowd Detection | | | | | | | | |
| Audio Analytics Detection | | | | | | | | |
| Classified Object Motion Search Support | ✓ | ✓ | ✓ ³ | ✓ ³ | ✓ ³ | ✓ ⁵ | | |
| Appearance Search Support | ✓ | | ✓ ³ | ✓ ³ | ✓ ³ | ✓ ⁵ | | |
| Facial Recognition Support | ✓ | | | | | ✓ ⁵ | | |
| License Plate Recognition Support | | | | | | | | ✓ |
| No Face Mask Detection Support | ✓ | | | | | | | |
| Visible Firearm Detection Support (available in U.S. only) | ✓ ¹ | | ✓ ¹ | ✓ ¹ | ✓ ¹ | ✓ ¹ | ✓ ¹ | |
| Video Analytic Events & Alerts | ✓ | ✓ | ✓ ³ | ✓ ³ | ✓ ³ | ✓ ⁵ | | |
| Base Subclasses: Person, Car, Bus, Bicycle, Motorcycle, Truck | ✓ | ✓ | ✓ ³ | ✓ ³ | ✓ ³ | ✓ ⁵ | | |
| Truck Subclasses: Van, Pick-Up Truck, Large Truck | | | | | | | | |
| Vehicle Subclass Events and Alerts | | | | | | | | |
| Radiometric Events and Alerts | | ✓ ⁴ | | | | | | |
| Dynamic Privacy Masking | | | | | | | | |
| PTZ Auto-Tracking | | | ✓ ³ | ✓ ³ | ✓ ³ | | | |

¹ Subject to camera pixel density and field of view. AI NVR required.

² Person detection only in-ceiling mounted position.

³ Based on PTZ being in a designated home position. Autotracking requires ACC 7.14.14 or higher to configure.

⁴ H5A Thermal radiometric model required.

⁵ Not available on 61 MP H5 Pro.



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