

# Analytics Sizing Guide

## For Avigilon Hardware



### Avigilon Appearance Search™

Quickly locates a specific person or vehicle of interest across an entire site using a sophisticated deep learning AI search engine.

ACC Enterprise required



### Classified Object Detection

Detects and classifies people or vehicles to help operators verify and respond faster. Next-generation analytics provide increased object classification.

ACC7-VAC license required



### Face Recognition

Detects matches from managed watchlists to alert operators of people of interest. Requires Appearance Search and an additional license.

ACC7-FACE license required

MODEL	ANALYTICS KIT	MAXIMUM SUPPORTED CAMERAS BY FEATURE*			
		OBJECT DETECTION ON NON-ANALYTICS CAMERAS <sup>1</sup>	APPEARANCE SEARCH ONLY <sup>2</sup>	FACE RECOGNITION + APPEARANCE SEARCH	FACE MASK DETECTION + APPEARANCE SEARCH
AI NVR Standard	Built-In	10	200	100	200
AI NVR Value	Built-In	5	200	50	200
NVR4/4X Premium	Built-In	–	200	50	200
NVR4/4X Standard	Built-In	–	200	50	200
NVR4/4X Value	HD-NVR-ANK2-1	–	50	15	50
Video Appliance 16/24-port	VMA-AS3-ANK	–	50	15	50
ES 8-Port Appliance	Built-In	8**	–	–	–
ES 8-Port Rugged Appliance	Built-In	6**	–	–	–
AI Appliance A20	Built-In	46**	80	–	–
AI Appliance A10	Built-In	23**	40	–	–
<b>LEGACY MODELS</b>					
NVR3 Premium and Standard	HD-NVR-ANK2-1	–	200	50	200
NVR3 Premium and Standard	HD-NVR3-ANK1-1	–	150	–	150
NVR3 Value	HD-NVR-ANK2-1	–	50	15	50

\* These performance figures are based on validation testing by Avigilon, using Avigilon Control Center software version 7.6.4. Assumes appliance-wide average per camera rates of classified objects leaving the field of view: H5A cameras – One every second; H4A cameras – One every two seconds. Additional licenses may be required. For more information, contact Avigilon Sales.

\*\* H4A Equivalent Analytics

<sup>1</sup> For cameras at 2MP and 30 images per second (ips).