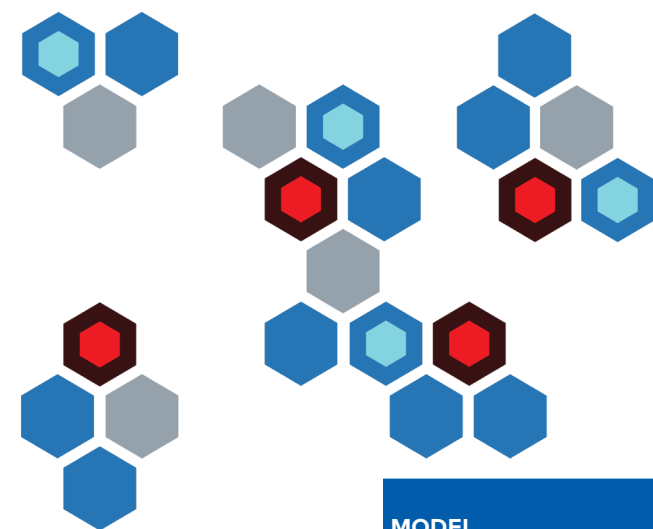


Analytics Sizing Guide

For Avigilon Hardware



Avigilon Appearance Search™ (AS)

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

ACC Enterprise required



Face Recognition (FR)

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

ACC7-FACE license required



Classified Object Detection (COD)

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

ACC7-VAC license required



License Plate Recognition (LPR)

Works with ACC software for accurate license plate capture at a range of distances and speeds. Requires an additional license.

ACC7-LPR license per channel required

MODEL	ANALYTICS KIT	AVIGILON ANALYTICS CAMERAS¹		NON-ANALYTICS CAMERAS¹			NUMBER OF LPR LANES³							
		AS ONLY⁵	FR + AS⁵	COD ONLY⁴	COD + AS⁵	COD + AS⁵+ FR	DEFAULT MODE				PERFORMANCE MODE⁶			
							5 FPS (<16 KM/H)	10 FPS (<48 KM/H)	20 FPS (<100 KM/H)	30 FPS (<150KM/H)	5 FPS (<16 KM/H)	10 FPS (<48 KM/H)	20 FPS (<100 KM/H)	30 FPS (<150KM/H)
AI NVR Premium+	Built-In	200	100	55	55	50	24	12	6	4	106	53	26	17
AI NVR Premium	Built-In	200	100	30	30	27	17	8	4	2	56	28	14	9
AI NVR Standard + Perf. Kit	AINVR-STD-PRK	200	100	25	25	22	14	7	3	2	58	29	14	9
AI NVR Standard	Built-In	200	100	12	12	11	11	5	2	1	30	15	7	5
AI NVR Value	Built-In	200	50	6	6	5	9	4	2	1	16	8	4	2
NVR5 Premium (252-432 TB)²	Built-In	200	50	–	–	–	20	10	5	3	–	–	–	–
NVR5 Premium (192-224 TB)²	Built-In	200	50	–	–	–	25	12	6	4	–	–	–	–
NVR5 Premium (96-160 TB)²	Built-In	200	50	–	–	–	12	6	3	2	–	–	–	–
NVR5 Premium FIPS (96-160 TB)²	Built-In	200	50	–	–	–	8	4	2	1	–	–	–	–
NVR5 Standard²	Built-In	200	50	–	–	–	12	6	3	2	–	–	–	–
NVR4/4X Premium	Built-In	200	50	–	–	–	4	3	2	1	–	–	–	–
NVR4X Premium FIPS (64-157 TB)	Built-In	200	50	–	–	–	4	3	2	1	–	–	–	–
NVR4/4X Standard	Built-In	200	50	–	–	–	3	2	1	–	–	–	–	–
NVR4 Value	HD-NVR-ANK2-1	50	15	–	–	–	2	1	1	–	–	–	–	–
Video Appliance 16/24-port	VMA-AS3-ANK	50	15	–	–	–	2	2	1	–	–	–	–	–
ENVR2 Plus Appliance	Built-In	20	11	8	8	4	4	2	1	–	12	6	3	2
ES 8-Port Appliance	Built-In	–	–	8**	–	–	–	–	–	–	–	–	–	–
ES 8-Port Rugged Appliance	Built-In	–	–	6**	–	–	–	–	–	–	–	–	–	–
AI Appliance 2 CG2	Built-In	–	–	50	50	43	–	–	–	–	–	–	–	–
AI Appliance 2 CG1	Built-In	–	–	25	25	22	–	–	–	–	–	–	–	–
¹ These performance figures are based on validation testing by Avigilon, using Avigilon Control Center software version 7.14.16. 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 - Non-analytics cameras running COD – One every second Additional licenses may be required. For more information, contact Avigilon Sales.							³ Assumes a 3MP camera with 1MP license plate scan area and Frames Per Second (FPS) to recognize license plates up to vehicle speeds in Kilometers Per Hour (KM/H). Results may vary according to camera mounting parameters.							
² License Plate Recognition performance figures on NVR5s requires ACC version 7.14.10 or later.							⁴ For cameras at 2MP and 30 images per second (ips).							
							⁵ Requires H5A, H4A, or Classified Object Detection running on non-analytic cameras.							
							⁶ Requires ACC version 7.14.6 or later. LPR Performance mode will limit other analytics on your appliance. See the appliance's user guide for more information.							
							** H4A Equivalent Analytics							