



Prefettura di Avellino
Ufficio Territoriale del Governo



COMUNE DI LAURO (AV)

10

PROGETTO DEFINITIVO ESECUTIVO Particolari Costruttivi e Datasheets

PATTO PER LA SICUREZZA URBANA

D.M. Min. dell'Interno 9 ottobre 2021 – G.U. n.259 del 29-10-2021

**D.L. 20 febbraio 2017 n.14 “disposizioni urgenti in materia di
sicurezza delle città” del COMUNE DI LAURO (AV)**

***Realizzazione del sistema di videosorveglianza territoriale e di
rilevamento dei transiti veicolari per la sicurezza urbana
“LAURO STRADE SICURE”***

V3

LAURO,

Il Progettista

H5A DUAL HEAD CAMERA

2 x 3 MP

2 x 5 MP

This cost-effective and low profile dual-sensor camera brings enhanced security to any site by increasing coverage and minimizing blind spots for those hard to secure areas. Built with small spaces in mind, the H5A Dual Head provides areas such as hallways, stairwells, and corner intersections, or any application that requires the coverage of two cameras installed in close proximity with high imaging quality, even with its small footprint. The H5A Dual Head camera's advanced analytic capabilities further improve situational awareness by enabling security teams to respond swiftly to potentially critical events.



FEATURES



NEXT-GENERATION VIDEO ANALYTICS

Detects more objects with expanded object classification and greater accuracy for faster responses, even in crowded scenes.



COVID-19 RESPONSE TECHNOLOGY

Features Avigilon video analytics for Occupancy Counting and No Face Mask Detection, supporting facilities' health and safety efforts to curb the spread of COVID-19.



ONVIF® COMPLIANT

Native ONVIF Profile S, T and G¹ compliance allows easy integration with existing ONVIF infrastructures.



IMPROVED COVERAGE, MINIMAL BLIND SPOTS

Provides increased area coverage, while minimizing blind spots for enhanced security with a single camera installation, for long hallways, L-shaped hallway intersections, or stairwells to monitor both up and down staircases.



COST-EFFECTIVE

As a dual-head sensor, sites can lower their overall deployment costs by reducing camera count, network infrastructure, power and cabling, installation labor, and VMS licensing costs.



FIPS 140-2 COMPLIANT

Brings increased data security with FIPS-compliant cryptography enabled on cameras².

ONVIF is a trademark of Onvif, Inc.

¹ ONVIF Profile G will be available post-launch. At this time, the H5A Dual Head will support the search, playback, and retrieval of video recordings on the edge.

² Optional purchase of FIPS Level 1 camera license or CRYPTR microSD hardware-based encryption and key management for FIPS Level 3 support and certification.

SPECIFICATIONS

IMAGE PERFORMANCE		2 × 3.0 MP	2 × 5.0 MP
Image Sensor		1/2.7" progressive scan CMOS	
Max Resolution (H x V) and Aspect Ratio		(4:3) 2048 x 1536	(4:3) 2592 x 1944
2x Image Sensor, Max Resolution		4096 x 1536	5184 x 1944
Dynamic Range	WDR Off:	Up to 82 dB	
	WDR On:	Up to 120 dB	
Max Image Rate (60 Hz/50 Hz)	Analytics ¹	24 / 25 fps	15 / 12.5 fps
	High Framerate mode	30 / 25 fps	24 / 20 fps
Bandwidth Management		HDSM SmartCodec technology; Idle scene mode	
3D Noise Reduction Filter		Yes	

¹ Maximum image rate with analytics enabled on all sensors.

LENS AND IR ILLUMINATION	
Lens	3.35 - 7.0 mm, F/1.93 remote focus and zoom
IR Illumination Max Distance ² (high power 850 nm LEDs)	Wide: 15 m (49 ft) Tele: 30 m (98 ft)
Minimum Illumination	0.1 lux in color mode, 0.05 lux in monochrome mode, 0 lux with IR on
Horizontal Angle of View	43° – 91°
Vertical Angle of View	32° – 67°

² IR illumination power may be reduced at higher operating temperatures.

IMAGE CONTROL	
Image Compression Method	H.264 HDSM SmartCodec, H.265 HDSM SmartCodec, Motion JPEG
Streaming	Multi-stream H.264, Multi-stream H.265, Motion JPEG
Motion Detection	Pixel motion: Selectable sensitivity and threshold. Classified object detection
Camera Tamper Detection	Yes, when analytics are enabled
Electronic Shutter Control	Automatic, Manual (1/7.5 to 1/8000 sec)
Iris Control	N/A
Day/Night Control	Automatic, Manual
Flicker Control	50 Hz, 60 Hz
White Balance	Automatic, Manual
Backlight Compensation	Adjustable
Privacy Zones	Up to 64 zones

NETWORK	
Network	100BASE-TX, RJ45 Connector, CAT5e Cabling
ONVIF	ONVIF compliance version Profile S and Profile T (www.onvif.org)
Security	Password protection, HTTPS encryption, digest authentication, WS authentication, user access log, 802.1x port based authentication, FIPS 140-2 L1 (with optional camera license)
Protocols	IPv6, IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, Zeroconf, ARP, HSTS
Streaming Protocols	RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/RTSP/HTTPS/TCP, HTTP
Device Management Protocols	SNMP v2c, SNMP v3

PERIPHERALS	
USB Port	USB 2.0
Onboard Storage	2 x microSD/microSDHC/microSDXC slots – video speed class card required. Class V10 or better recommended.

AUXILIARY I/O	
Audio Compression Method	Opus, G.711 PCM 8 kHz
Audio Input/Output	Line level input and output
External I/O Terminals	Alarm In, Alarm Out

MECHANICAL	DIRECT SURFACE MOUNT	SURFACE MOUNT WITH JUNCTION BOX	PENDANT MOUNT WITH NPT ADAPTER	PENDANT MOUNT WITH NPT + WALL MOUNT
Dimensions (LxWxH)	218 mm x 118 mm x 82 mm; 8.6" x 4.6" x 3.2"	237 mm x 136 mm x 120 mm; 9.3" x 5.4" x 4.7"	230 mm x 129 mm x 146 mm; 9.0" x 5.0" x 5.8"	230 mm x 260 mm x 195 mm; 9.0" x 10.2" x 7.7"
Weight	1.25 kg (2.75 lbs)	2.33 kg (5.13 lbs)	1.67 kg (3.67 lbs)	3.07 kg (6.75 lbs)
Body	Aluminum			
Finish	Cast, powder coated, close to RAL9002			
Adjustment Range	Pan: 180°, Azimuth: 360°, Tilt: 30° – 95° tilt (recommended), 10° – 95° tilt (maximum)			

ELECTRICAL	
Power Consumption	13 W max (camera only)
Power Source	PoE: IEEE802.3af Class 3 compliant
RTC Backup Battery	3V manganese lithium
Memory	2 GB RAM, 512 MB Flash

ENVIRONMENTAL	
Operating Temperature	-30 °C to +60 °C (-22 °F to 140 °F), in enclosed space -30 °C to +65 °C (-22 °F to 149 °F), with ambient convection Cold start delay of up to 10 min at -30 °C (-22 °F). Camera may restart during startup delay
IR Illuminator Behavior	IR illuminator will turn off if the temperature is 55 °C (131 °F) or higher. The illuminator will operate at 50% power if the temperature is between 45 °C (113 °F) and 54 °C (129 °F). The illuminator will operate at 50% power if the temperature is below -25 °C (-13 °F), with ambient convection.
Storage Temperature	-10 °C to +70 °C (14 °F to 158 °F)
Humidity	0 - 95% non-condensing

CERTIFICATIONS	
Certifications/Directives	UL, cUL, CE, UKCA, ROHS, REACH, RCM, NOM, KC, EAC, BIS
Safety	UL 62368-1, CSA 62368-1, IEC/EN 62368-1, IEC 62471
Environmental	UL/CSA/IEC 60950-22, IEC 62262 IK10 Impact Rating IEC 60529 IP66 and IP67 Weather Rating (H5DH-DO1-IR models only)
Electromagnetic Emissions	FCC Part 15 Subpart B Class B, IC ICES-003 Class B, EN 55032 Class B, EN 61000-6-3, EN 61000-3-2, EN 61000-3-3, EN 50121-4
Electromagnetic Immunity	EN 55035, EN 61000-6-1, EN 50130-4, EN 50121-4

ANALYTICS SPECIFICATIONS

SUPPORTED ANALYTICS EVENTS	
Objects in Area	The event is triggered when the selected object type moves into the region of interest.
Object Loitering	The event is triggered when the selected object type moves into the region of interest and then stays for an extended amount of time.
Objects Crossing Beam	The event is triggered when the specified number of objects have crossed the directional beam that is configured over the camera's field of view. The beam can be unidirectional or bidirectional.
Object Appears or Enters Area	The event is triggered by each object that enters the region of interest. This event can be used to count objects.
Object Not Present in Area	The event is triggered when no objects are present in the region of interest.
Objects Enter Area	The event is triggered when the specified number of objects have entered the region of interest.

SUPPORTED ANALYTICS EVENTS

Objects Leave Area	The event is triggered when the specified number of objects have left the region of interest.
Object Stops in Area	The event is triggered when an object moves into a region of interest and then stops moving for the specified threshold time.
Direction Violated	The event is triggered when an object moves in the prohibited direction of travel.
Tamper Detection	The event is triggered when the scene unexpectedly changes.

SUPPORTED CLASSIFIED OBJECT TYPES

Object Types in Outdoor Mode	Vehicle, sub-types: Car, Truck, Bicycle, Motorcycle, Bus Person
Object Types in Indoor Mode	Person

TEACH BY EXAMPLE

Teach By Example	Yes, when used with Avigilon Control Center™
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AVIGILON CONTROL CENTER (ACC) VERSIONS SUPPORTED FEATURES

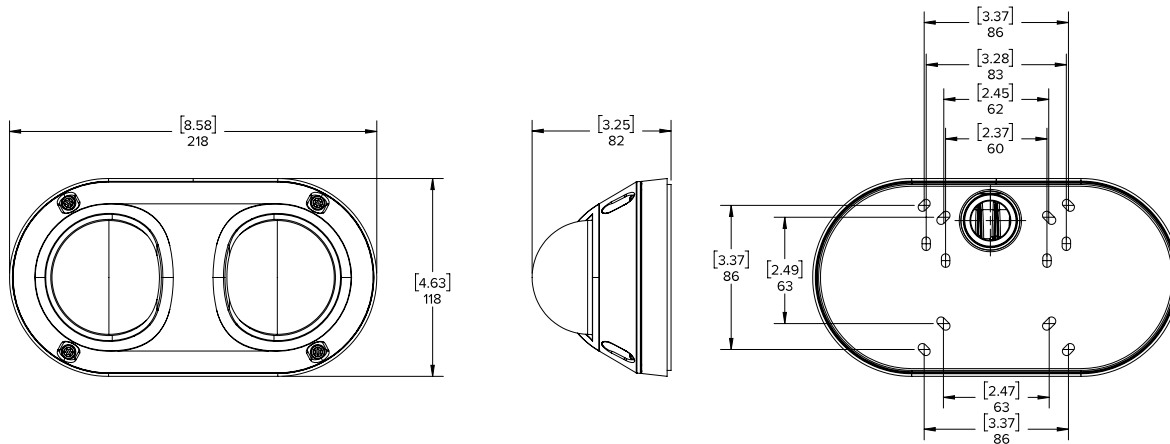
ACC Version 6.14.12 or higher	All supported analytic events with two types of classified objects: person or vehicle. Appearance search when paired with appropriate server hardware. H.265 supported.
ACC Version 7.2 or higher	All supported analytic events with people and vehicles and all vehicle sub-types as classified objects. Appearance search when paired with appropriate server hardware. H.265 supported.

OUTLINE DIMENSIONS

DUAL HEAD SURFACE MOUNT CAMERA

(H5DH-D1-IR/H5DH-D01-IR)

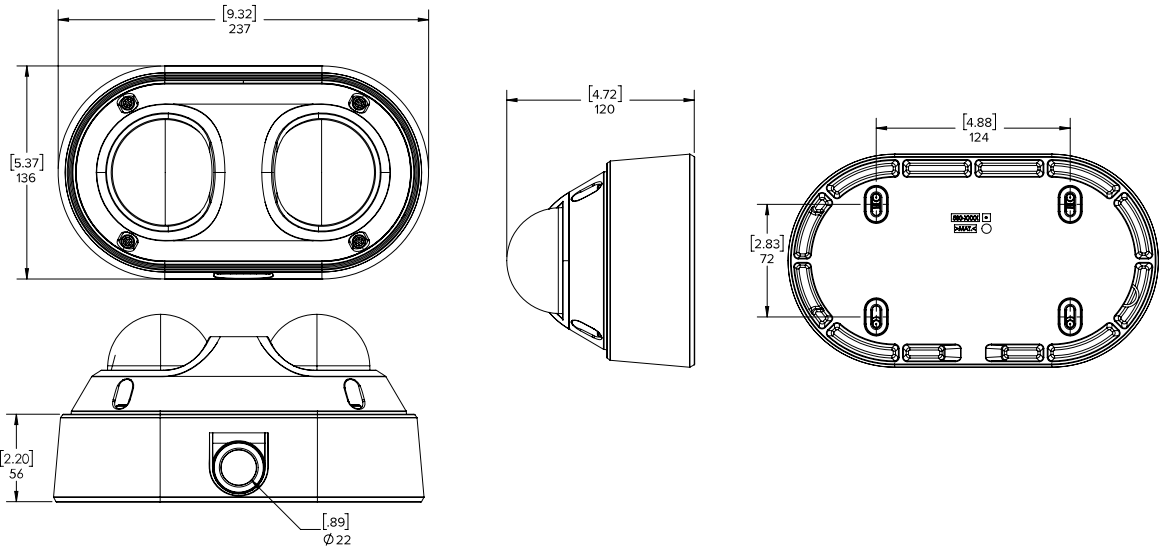
[X.X]	INCHES
X	MM



DUAL HEAD JUNCTION BOX MOUNT CAMERA

(H5DH-D1-IR/H5DH-D01-IR WITH H5DH-D0-JBOX1 JUNCTION BOX)

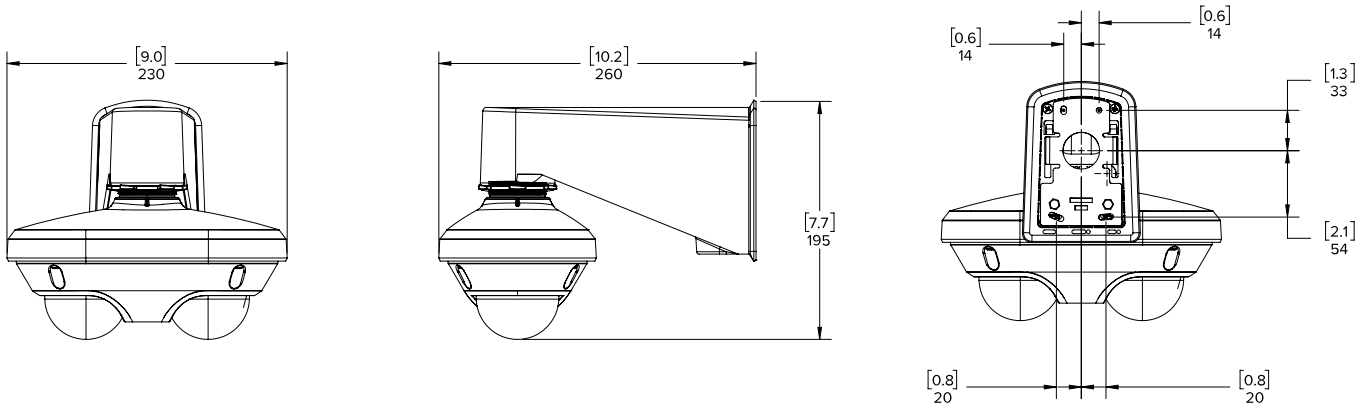
[X.X]	INCHES
X	MM



DUAL HEAD PENDANT MOUNT CAMERA

(H5DH-D1-IR/H5DH-D01-IR WITH H5DH-MT-NPTA1 ADAPTER AND CM-MT-WALL1 WALL ARM)

[X.X]	INCHES
X	MM



ORDERING INFORMATION

	MP	WDR	ANALYTICS	LENS	IP66/IP67	IR LEDS
6.0C-H5DH-D1-IR	2 × 3.0	✓	✓	3.35 - 7.0 mm		✓
6.0C-H5DH-D01-IR	2 × 3.0	✓	✓	3.35 - 7.0 mm	✓	✓
10.0C-H5DH-D1-IR	2 × 5.0	✓	✓	3.35 - 7.0 mm		✓
10.0C-H5DH-D01-IR	2 × 5.0	✓	✓	3.35 - 7.0 mm	✓	✓

H5DH-D0-CLER1	Replacement outdoor dome cover
H5DH-DI-CLER1	Replacement indoor dome cover
H5DH-D0-JBOX1	Optional junction box mounting adapter
H5DH-MT-NPTA1	Optional pendant NPT mounting adapter
CM-MT-WALL1	Pendant wall mount arm
H4-MT-POLE1	Aluminum pole mounting bracket for pendant dome cameras, compatible with CM-MT-WALL1
H4-MT-CRNR1	Aluminum corner mounting bracket for pendant dome cameras, compatible with CM-MT-WALL1

OPTIONAL CAMERA LICENSES AND ACCESSORIES

CAM-FIPS	Camera license to enable FIPS Level 1 cryptographic mode on any H5A camera
CAM-FIPS-CRYPT-R3	MSI CRYPT SD with camera license to enable FIPS Level 3 cryptographic mode on H5A cameras ¹

¹ Excludes H5A Explosion-Protected camera line.

SUPPORT

Learn more and find additional documentation at [avigilon.com](https://www.avigilon.com) or email asksales@avigilon.com for specific product support.



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H4 Multisensor Camera Line

You're Covered from All Angles

The H4 Multisensor camera line combines Avigilon self-learning video analytics with exceptional coverage, featuring 3 or 4 individually configurable camera sensors that can be positioned to monitor virtually any area.

High Image Detail and Low Bandwidth

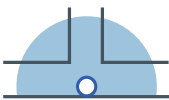
With 9 to 32 MP total resolution, the H4 Multisensor camera line delivers broad scene coverage and high image detail. It uses H.265 compression technology to significantly reduce bandwidth and storage requirements, while maintaining clear, detailed images.

Self-Learning Video Analytics and AI Technology

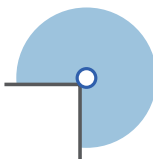
Each camera sensor incorporates patented Avigilon self-learning video analytics and works with Avigilon Appearance SearchTM technology, our award-winning AI video search engine.



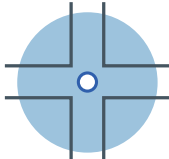
180° Coverage



270° Coverage



360° Coverage



KEY FEATURES

Avigilon Self-Learning Video Analytics

Flexible Sensor Configurations

Up to 32 MP Total Resolution

H.265 Compression Technology

Content Adaptive IR Technology

Interchangeable Camera Mounts

BENEFITS

Each sensor detects the movement of people and vehicles to notify you of critical events that may need further investigation and Avigilon Appearance Search technology enables you to search site-wide for a person or vehicle of interest.

Multiple lens options combined with exceptional range of adjustment allow for a variety of coverage options in a wide range of environments.

Provides exceptional coverage and image detail by combining the power of three or four multi-megapixel camera sensors.

Significantly reduces bandwidth and storage requirements while maintaining clear, detailed images.

Provides up to 30 meters (100 feet) of consistent lighting and exceptional imaging in low light conditions.

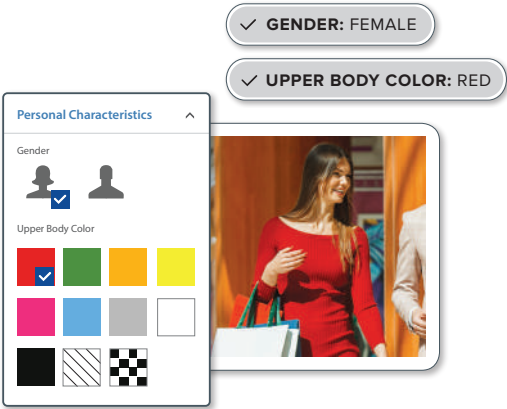
Pendant, in-ceiling, and outdoor surface mount options with the same camera module usable in most form factors.

avigilon.com/h4-multisensor | asksales@avigilon.com

Avigilon Appearance SearchTM Technology

Avigilon Appearance Search video analytics technology is a sophisticated deep learning artificial intelligence (AI) search engine for video. It sorts through hours of video with ease, to quickly locate a specific person or vehicle of interest across an entire site.

Avigilon Appearance Search technology can dramatically improve incident response time and enhance forensic investigations by allowing operators to build robust video evidence and create a powerful narrative of events.



KEY FEATURES

Initiate searches based on physical descriptions

Face analytics included in search

Quickly search for a person or vehicle of interest

Playback, bookmark and export tools

Integrated solution

BENEFITS

Allows operators to search for a person by selecting certain specific physical descriptions, including clothing color and gender.

Incorporating the unique characteristics of a person's face enables Avigilon Appearance Search technology to understand that it is searching for the same person, even if items such as their clothing change over time.

Enables operators to quickly comb through hours of recorded footage, efficiently grouping video data to help track a vehicle or individual's route, identify a previous and last-known location and assist investigations.

Build a comprehensive set of video evidence from multiple video sources, to create a powerful narrative of events.

Avigilon Appearance Search technology is integrated with Avigilon Control Center (ACC) 6 Enterprise edition software, Avigilon cameras with self-learning video analytics and select Avigilon network video recorders (NVRs).

Two Ways to Build Your Avigilon AI-Powered Solution

1

Avigilon Cameras with Self-Learning Video Analytics

Combine Avigilon H4 cameras with our NVRs — pre-loaded and pre-configured with ACC™ 6 software — to enable Avigilon Appearance Search technology site-wide.



2

Legacy Avigilon and Third-Party ONVIF® Cameras

Evolve your legacy camera systems into powerful AI solutions with the Avigilon AI Appliance. It adds patented self-learning video analytics and Avigilon Appearance Search technology when connected to ACC 6 software.



avigilon.com/nvr | avigilon.com/ai-appliance | asksales@avigilon.com

*NVR3 Value requires an additional kit to enable Avigilon Appearance Search technology.

Depicted features and functionalities may not be currently available and, if and when available, may not be as depicted. Some images have been simulated for illustrative purposes.

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H2318

PDS-104GO

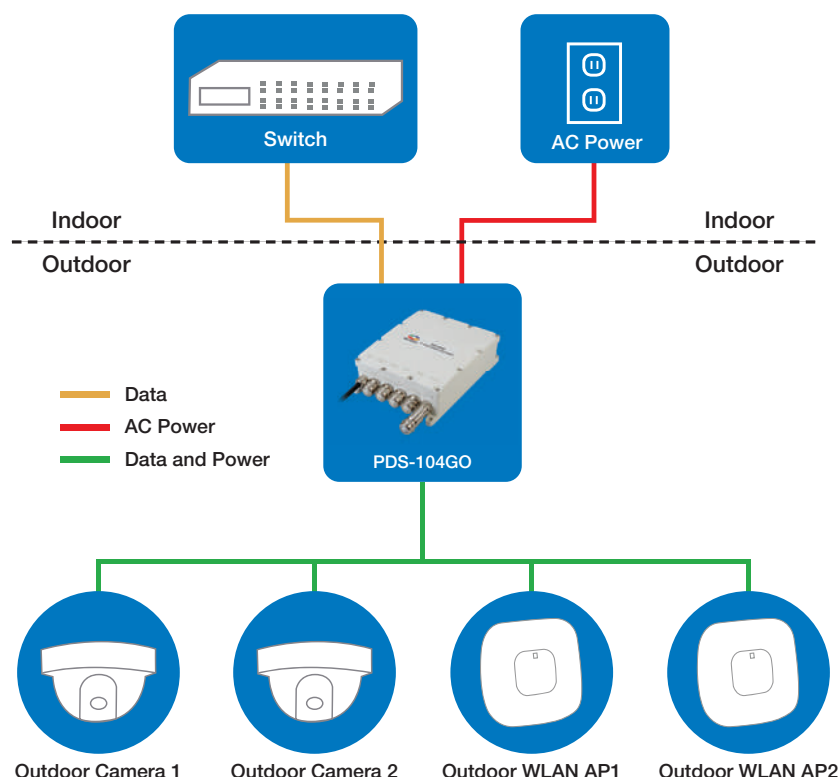
4 + 1 Outdoor Switch, 60 W Per Port, Managed PoE, AC Input

The PDS-104GO is an outdoor PoE switch that enables the connection of four powered devices to a network such as an outdoor WLAN, outdoor IP camera, or outdoor P2P radio. With VLAN and RADIUS support, the PDS-104GO brings improved security and performance. It provides better safety through centralized management of user profiles and authorized system access. By regulating network traffic in each VLAN, the switch offers increased network performance. The switch offers an SFP port for uplink in order to support optical interfaces or electrical interfaces. It is IP66-rated and can be installed in outdoor environments. There is no need to open the unit during installation. Deployment is simple and straightforward. The PDS-104GO delivers PoE power of up to 60 W per device. In addition, it enables remote monitoring and control of the devices' status, including remote reset. The switch extends the reach between the switch and powered devices by an additional 100 meters, to a maximum of 200 meters—a major benefit in many applications. It offers lightning protection to the switch itself and to the indoor network.

Key Features

- Five ports: one SFP data input, four PoE outputs
- VLAN tagging: access/trunk
- Authentication, authorization, and accounting: RADIUS and TACACS
- Remotely managed: SNMP and web
- Extends network reach by additional 100 m
- Outdoor rated: IP66
- Extended temperature range: -40 °C to 50 °C
- IEEE 802.3at-compliant, 60 W per port
- Supports 10/100/1000 Mbps data rates
- Integral surge protection
- Plug and play installation (installer does not have to open unit)

PDS-104GO



PDS-104GO

4 + 1 Outdoor Switch, 60 W Per Port, Managed PoE, AC Input

Specifications

Feature	Description
Number of ports	5
Data rates	10/100/1000 Mbps (half/full duplex)
Power over Ethernet output	Pin Assignment and Polarity: Ports 1 and 2: 1/2, 3/6, 4/5, and 7/8 Ports 3 and 4: 1/2 and 3/6
User port power	60 W per port, 150 W total
Input power requirements	Input voltage: 100 VAC–240 VAC Input current: 2.5 A
Dimensions	240 mm × 166 mm × 72 mm 8.42 in × 5.90 in × 2.75 in
Weight	2.9 kg
Indicators	No LED indicators
Connectors	Shielded RJ-45, EIA 568A, and 568B
	SFP Cage
Environmental conditions	Operating ambient temperature: –40 °F to 122 °F (–40 °C to 50 °C) for 150 W
	Operating humidity: maximum 90%, non-condensing
	Storage temperature: –40 °F to 185 °F (–40 °C to 85 °C)
	Storage humidity: maximum 95%, non-condensing
	Operating altitude: Up to 6,560 feet (2000 m)
	Weather rating: IP66, NEMA 4X
Reliability	MTBF: 200,000 hours at 25 °C
Thermal rating	41 BTU/Hr (at 240 VAC)
Warranty	5 years
Regulatory compliance	IEEE 802.3at (PoE), RoHS-compliant, WEEE-compliant, CE
Electromagnetic emission and immunity	FCC Part 15, Class B EN 55022 Class B EN 55024, EN61000-4-5 Class 5 (6 kV CM) VCCI
Surge protection	GR-1089-CORE Issue 4 ITU-T K.20 6 kV on AC lines
Safety approvals	UL60950-1 and UL60950-22 GS Mark
Other standards and approvals	Dust and water intrusion: IEC60529, Level IP66; NEMA 250

PDS-104GO

4 + 1 Outdoor Switch, 60 W Per Port, Managed PoE, AC Input

Management Capabilities

Feature	Description
System network management capabilities	Web interface—used to view unit PoE and Network status, unit configuration, and unit production information.
	SNMP v2/v3—used to monitor unit over the network (MIB-II RFC1213) and monitor/configure unit PoE capabilities (RFC3621).
	Telnet—used to view unit PoE and Network status, unit configuration, and production information. Software update, Enable/Disable PoE functionality, ping remote network device for connectivity test.
	SNMP traps—used to report various PoE events as PoE PD insertion/removal.
	SysLog—used to report PoE events, invalid remote user access, initial DHCPv4/v6 address, and so on.
Ethernet switch network capabilities	10/100/1000 Mbps half-duplex/full-duplex Ethernet speed.
	8K internal MAC address lookup engine.
	Auto MDIX.
	Jumbo frames.
PoE capabilities	IEEE 802.3at—delivers up to 60 Watts per port—view and statuses.
	PoE enable/disable—enable/disable PoE port power output (Ethernet data is always enabled).
	Weekly schedule—automatic activation/deactivation of PoE ports based on time of day.
	Remote device reset—turning temporary device power off and back on resets attached PD device..
Configuration options	Web-based—configured using a web browser.
	SNMPv1/2c/3—configured using an SNMP management application on a remote computer.
	Telnet—configured using a Telnet application on a remote computer.
Security and user authentication	Web, Telnet, SNMPv2 and SNMPv3. VLAN, RADIUS, and TACACS.

PDS-104GO

4 + 1 Outdoor Switch, 60 W Per Port, Managed PoE, AC Input

4 + 1 PoE Outdoor Switch



Related Product

Part Number	Name	Description
PD-OUT/MBK/S	Microsemi OUT/MBK/S	Mounting brackets for outdoor unit

Ordering Information

Part Number	Name	Description
PDS-104GO/AC	Microsemi 104GO	4 + 1 PoE outdoor switch



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AI NVR

The Artificial Intelligence Network Video Recorder (AI NVR) is a purpose-built security-hardened NVR, with built-in server-side analytics that unlocks Avigilon's advanced AI capabilities on any connected video stream. This cost-effective, plug-and-play appliance combines high-performance recording with video analytics in an easy-to-deploy turnkey solution. An IT-friendly solution, the AI NVR is built on a hardened embedded OS, which can be remotely managed with Avigilon Cloud Services (ACS). Avigilon regularly provides a single firmware package that not only updates the AI NVR, but also most connected cameras, and clients. Add the power of Avigilon's advanced neural-network-based analytics to your video streams with AI NVR.



FEATURES



SERVER-SIDE ANALYTICS FOR NON-ANALYTIC CAMERAS

Bring Classified Object Detection, Appearance Search, Face Recognition, No Face Mask Detection, and License Plate Recognition to your existing non-analytic cameras.



HIGH PERFORMANCE

Up to 2400 mbps of total throughput, while simultaneously running analytics.



REMOTE MANAGEMENT

Use ACS to manage multiple AI NVRs in a single building or globally from a central location.



ENHANCED SECURITY

All AI NVRs run Avigilon Hardened OS on an encrypted solid state drive to minimize attack vectors.



CLOUD REMOTE SITE UPDATE

Avigilon AI NVR, Clients, and most Cameras can all be remotely upgraded together with a single signed and encrypted firmware package.



SIMPLIFIED NETWORKING

Full recording throughput can be run on a single network port with additional ports used for failover.



REMOTE NOTIFICATIONS ON MOBILE

Receive instant notifications to any mobile device with full support for remote alerts. Out-of-the-box built-in web endpoint technology optimizes the AI NVR for mobile connections.



ALL-IN-ONE DEVICE

Achieve lower deployment costs with a single device that performs as an NVR and an analytics server.

ANALYTICS

CLASSIFIED OBJECT DETECTION™ (COD)



Detects and classifies people or vehicles to help operators respond faster. Unusual Activity Detection (UAD) automatically detects atypical behavior of learned objects.

ACC7-VAC license required



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

NO FACE MASK DETECTION



Determines whether a person is not wearing a face mask to help prevent community transmission.

ACC Enterprise required



OCCUPANCY COUNTING

With cameras at entrances and exits, a running total of occupancy can be monitored in real time.

ACS Required



LICENSE PLATE RECOGNITION

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

ACC7-LPR license required

AI NVR MODEL	ANALYTICS CAMERAS ¹		NON-ANALYTIC CAMERAS ¹			NUMBER OF LPR LANES ²					
	AS ONLY ³	AS+FR ⁴	COD ONLY ³	COD+AS ⁴	COD+AS+FR ⁴	DEFAULT MODE			PERFORMANCE MODE ⁵		
						10 FPS <48 KM/H	20 FPS <100 KM/H	30 FPS <150 KM/H	10 FPS <48 KM/H	20 FPS <100 KM/H	30 FPS <150 KM/H
Premium+	200	100	55	55	50	12	6	4	40	20	13
Premium	200	100	30	30	27	8	4	2	22	11	7
Standard w/ kit ⁶	200	100	25	25	22	7	3	2	22	11	7
Standard	200	100	12	12	11	5	2	1	12	6	4
Value	200	50	6	6	5	4	2	1	8	4	3

¹ These performance figures are based on validation testing by Avigilon, using Avigilon Control Center 7.14.4 software. 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.

² 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.

³ For cameras at 2MP and 30 frames per second (fps).

⁴ Requires H5A, H4A cameras, or Classified Object Detection running on non-analytics cameras.

⁵ Requires LPR Performance mode to be enabled. Available with ACC version 7.14.6 or later. LPR Performance mode will limit other analytics on your AI NVR. See the AI NVR user guide for more information.

⁶ Requires installation of the AINVR-STD-PRK Performance Kit on the AI NVR Standard.

DEVICE TYPES SUPPORTED FOR ANALYTICS

Avigilon H.264 Analog Encoders

Avigilon HD H.264, H3, H3 Multisensor, H4 SL, H4 Mini dome, H4 Box, H4 Bullet, H4 Dome, and H4 Pro cameras

Avigilon H4A cameras operating for Unusual Motion Detection

Avigilon H5Pro and H4 Multisensor (in high frame-rate mode), H5M, and H5SL cameras

ONVIF® Profile S cameras

ONVIF encoders

SPECIFICATIONS

SYSTEM		PREMIUM+ AND PREMIUM		STANDARD		VALUE	
Capacity		160 TB	128 TB	48 TB	32 TB	12 TB	6 TB
		96 TB	64 TB	24 TB			
Avigilon Control Center™ Edition		Core, Standard, and Enterprise* compatible (ACC camera licenses are sold separately)					
Network Video Streaming Performance	Network Connection	10GbE or 1GbE Networking		1GbE Networking			
	Recording Rate	10GbE: Up to 1500 Mbps 1 GbE: Up to 1500 Mbps‡		Up to 900 Mbps			
	Playback Rate	Up to 600 Mbps†		Up to 800 Mbps			
Operating System		Avigilon Hardened OS, supports secure remote upgrades					
Drive Configuration	OS Boot	2 × M.2 Solid State drives, RAID 1					
	Video Data	RAID 6 — Up to 12 × 3.5", hot-swappable		RAID 6 — Up to 8 × 3.5", hot-swappable		RAID 5 — 4 × 3.5", hot-swappable	
Recording Storage Capacity		Up to 192 TB raw, 160 TB effective (RAID 6)		Up to 64 TB raw, 48 TB effective (RAID 6)		Up to 16 TB raw, 12 TB effective (RAID 5)	
Network Interface		4 × 1 GbE RJ-45 ports (1000Base-T) 4 × 10 GbE Direct Attach SFP+ ports		4 × 1 GbE RJ-45 ports (1000Base-T)		2 × 1 GbE RJ-45 ports (1000Base-T)	
Memory		Premium+: 8 × 8 GB Premium: 6 × 8 GB		2 × 8 GB			
Processor		2 × Intel® Xeon®		1 × Intel® Xeon®			
Local Viewing		No video outputs — Web-based administration only					
Out-of-band Management		iDRAC9 Express					
Warranty		5-year Next Business Day (NBD) with onsite parts delivery service. 4-hour mission critical warranty upgrade available.					

* Avigilon Appearance Search and facial recognition requires Enterprise version of the ACC software.

‡ Requires the use of multiple 1GbE ports, either in a team using LACP/ALB mode or using multiple VLANs.

† The maximum playback throughput for Premium and Premium+ can be increased by reducing the recording throughput.

ELECTRICAL		PREMIUM+ AND PREMIUM	STANDARD	VALUE
Power Input		100 to 240 V AC, 50/60 Hz, auto-switching		
Power	Supply	Dual 2400W redundant (1+1), (80 PLUS Platinum)	Single 1100W non-redundant (1+0), (80 PLUS Platinum) ¹	Single 350W (80 PLUS Platinum) ¹
	Consumption	Maximum 1100W (2559.1 BTU/h)	Maximum 750W (2559.1 BTU/h)	Maximum 350 W (1340 BTU/hr)
¹ Optional 2nd power supply available				

SUPPLIED ACCESSORIES		PREMIUM+ AND PREMIUM	STANDARD	VALUE
Rack Rail System		Sliding rail system with cable management arm. Supports: • Tool-less mounting in 19" wide EIA-310-E compliant square hole and unthreaded round-hole 4-post racks • Tooled mounting in threaded hole 4-post racks		
Bezel		1, front		
Power Cord		2	1	1

CERTIFICATIONS	
Certifications/Directives	NDAA Compliant, TAA Compliant, UL, cUL, CE, RCM, BSMI, CCC, EAC, KC, NOM, NRCS, VCCI, RoHS, Reach (SVHC), WEEE, BIS
Safety	UL/CSA/IEC/EN 62368-1

CERTIFICATIONS

Electromagnetic Emissions	CFR Title 47, FCC Part 2, 15 Class A, ICES-003(A), EN 55032 Class A, EN 61000-3-2, EN 61000-3-3
Electromagnetic Immunity	EN 55024
Energy	Commission Regulation (EU) No. 617/2013, ENERGY STAR 2.0
ROHS	EN 50581:2012

ENVIRONMENTAL	OPERATING	STORAGE
Temperature	10° C to 35° C (50° F to 95° F)	-40° C to 65° C (-40° F to 149° F)
Humidity	10% to 80% relative humidity with 29°C (84.2°F) maximum dew point	5% to 95% RH with 33°C (91°F) maximum dew point. Atmosphere must be non-condensing at all times
Vibration	0.26 Grms at 5 Hz to 350 Hz	1.88 Grms at 10 Hz to 500 Hz for 15 min
Shock	One pulse on each side of the system of 71 G for up to 2 ms	Six consecutively executed shock pulses in the positive and negative x, y, and z axes (one pulse on each side of the system) of 71 G for up to 2 ms
Altitude	3,048 m (10,000 ft)	12,000 m (39,370 ft)

OUTLINE DIMENSIONS

[X.X]	INCHES
X	MM

AI NVR PREMIUM+ AND PREMIUM

FORM FACTOR

2U rack mount chassis

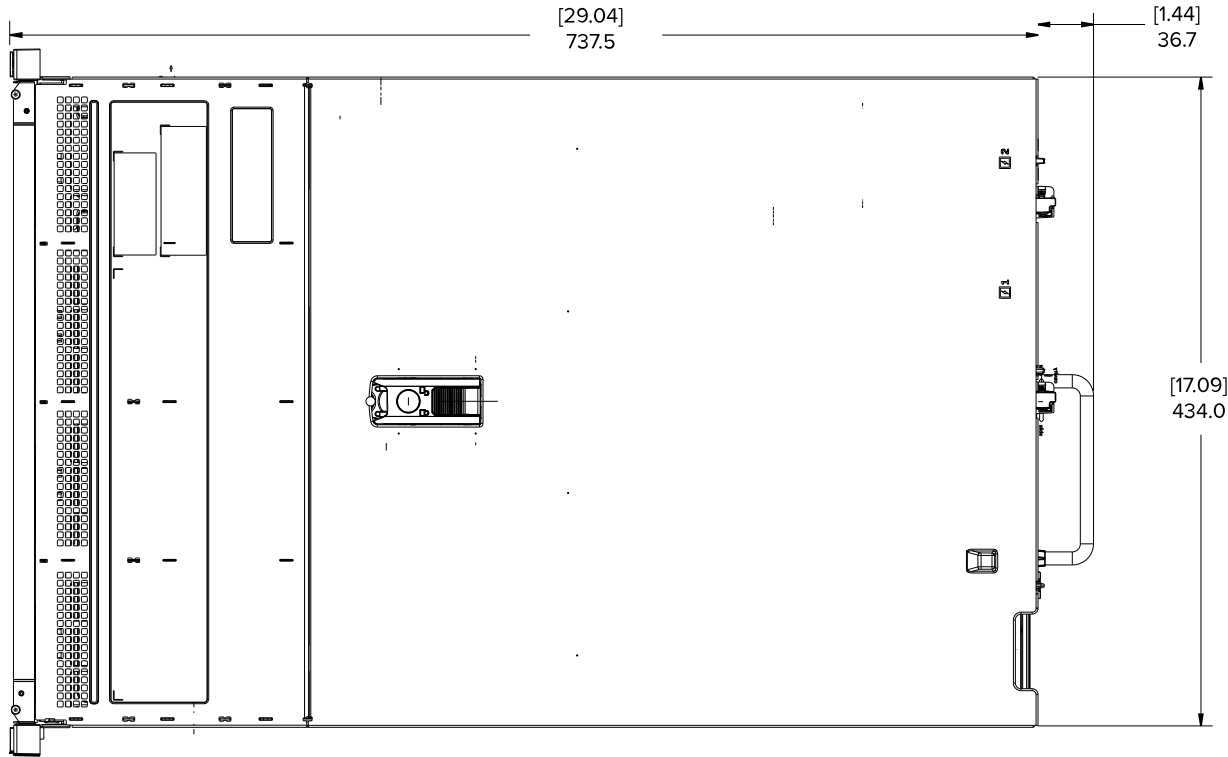
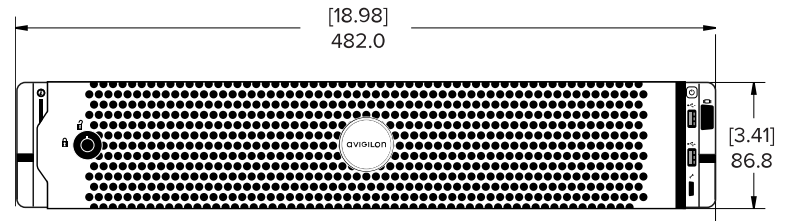
DIMENSIONS (L × W × H)

751.3 mm × 482.0 mm × 86.8 mm

[29½" × 19" × 3½"]

WEIGHT (WHEN FULLY POPULATED WITH HARD DRIVES)

46.3 kg [102 lbs]



AI NVR STANDARD

FORM FACTOR

2U rack mount chassis

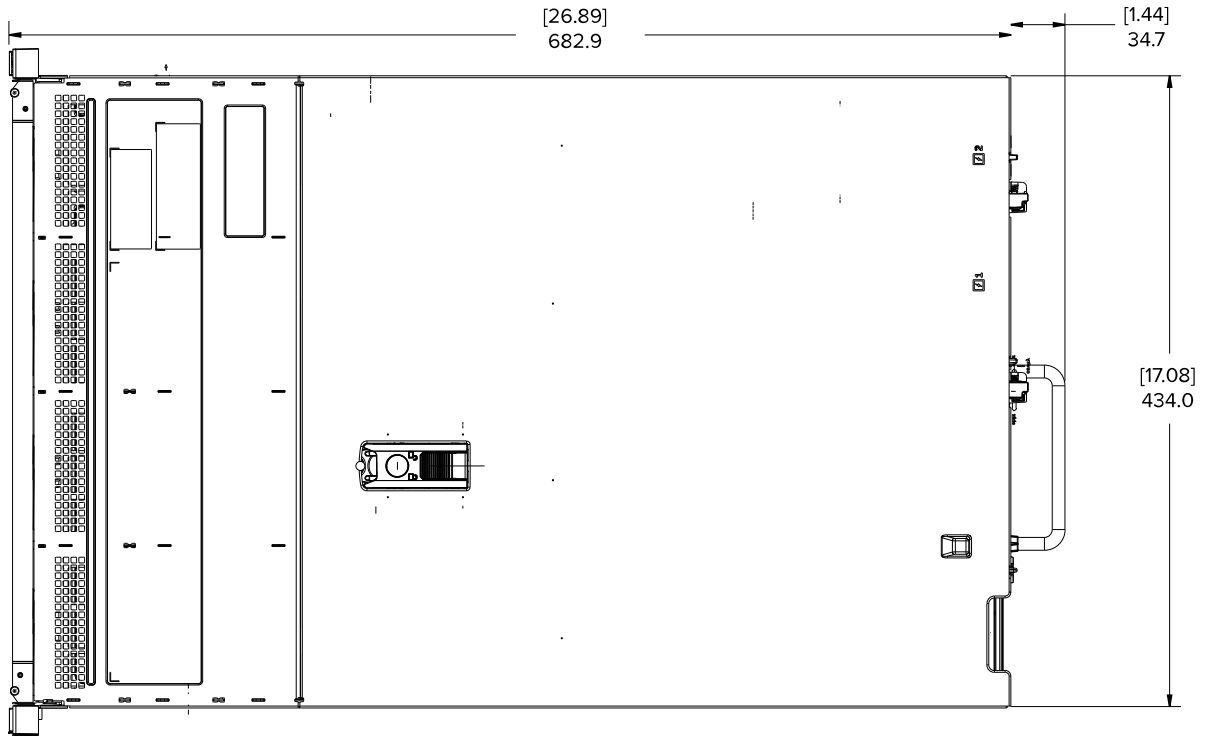
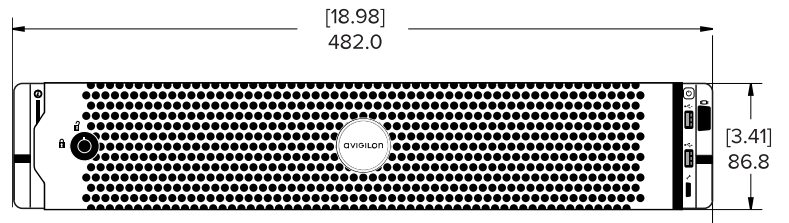
DIMENSIONS (L × W × H)

717.6 mm × 482.0 mm × 86.8 mm

[27¾" × 19" × 3½"]

WEIGHT (WHEN FULLY POPULATED WITH HARD DRIVES)

34.5 kg [76 lbs]



AI NVR VALUE

FORM FACTOR

1U rack mount chassis

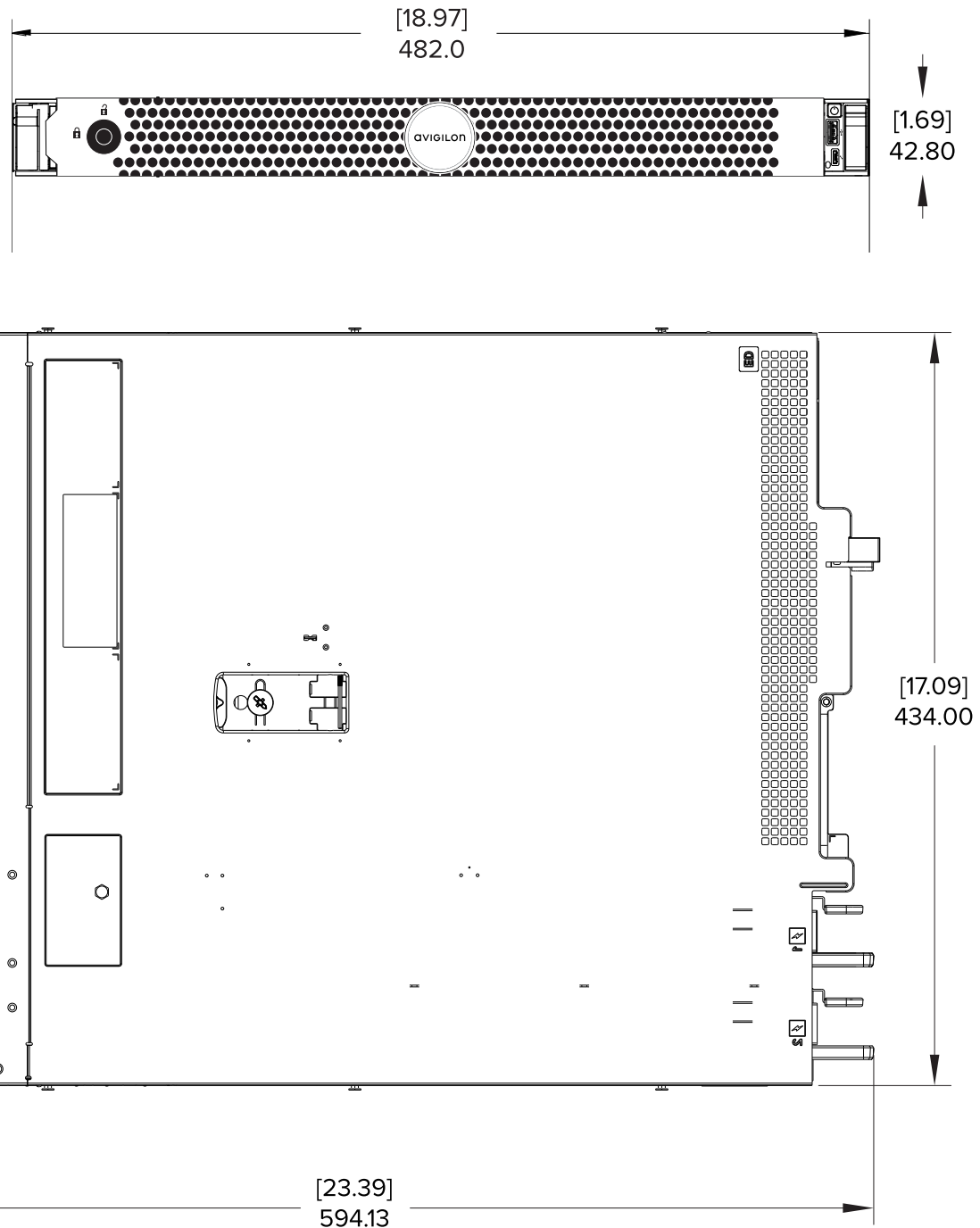
DIMENSIONS (L × W × H)

594.1 mm × 482.6 mm × 42.8 mm

[23½" × 19" × 1¾"]

WEIGHT

13.6 kg [30 lbs]



ORDERING INFORMATION

AI NVR PREMIUM+

AINVR-PRM-PLUS-64TB	AI NVR Premium+ 64 TB (80 TB Raw) with Avigilon Control Center
AINVR-PRM-PLUS-96TB	AI NVR Premium+ 96 TB (120 TB Raw) with Avigilon Control Center
AINVR-PRM-PLUS-128TB	AI NVR Premium+ 128 TB (160 TB Raw) with Avigilon Control Center
AINVR-PRM-PLUS-160TB	AI NVR Premium+ 160 TB (192 TB Raw) with Avigilon Control Center

Avigilon Control Center licenses must be purchased separately.

Avigilon Appearance Search and facial recognition requires Enterprise version of the ACC software.

AI NVR PREMIUM

AINVR-PRM-64TB	AI NVR Premium 64 TB (80 TB Raw) with Avigilon Control Center
AINVR-PRM-96TB	AI NVR Premium 96 TB (120 TB Raw) with Avigilon Control Center
AINVR-PRM-128TB	AI NVR Premium 128 TB (160 TB Raw) with Avigilon Control Center
AINVR-PRM-160TB	AI NVR Premium 160 TB (192 TB Raw) with Avigilon Control Center

Avigilon Control Center licenses must be purchased separately.

Avigilon Appearance Search and facial recognition requires Enterprise version of the ACC software.

AI NVR STANDARD

AINVR-STD-48TB	AI NVR Standard 48 TB (64 TB Raw) with Avigilon Control Center
AINVR-STD-32TB	AI NVR Standard 32 TB (48 TB Raw) with Avigilon Control Center
AINVR-STD-24TB	AI NVR Standard 24 TB (32 TB Raw) with Avigilon Control Center

Avigilon Control Center licenses must be purchased separately.

Avigilon Appearance Search and facial recognition requires Enterprise version of the ACC software.

AI NVR VALUE

AINVR-VAL-12TB	AI NVR Value 12 TB (16 TB Raw) with Avigilon Control Center
AINVR-VAL-6TB	AI NVR Value 6 TB (8 TB Raw) with Avigilon Control Center

Avigilon Control Center licenses must be purchased separately.

Avigilon Appearance Search and facial recognition requires Enterprise version of the ACC software.

AINVR-PRM-PLUS-nnTB-NA
AINVR-PRM-nnTB-NA
AINVR-STD-nnTB-NA
AINVR-VAL-nnTB-NA



AINVR-PRM-PLUS-nnTB-UK
AINVR-PRM-nnTB-UK
AINVR-STD-nnTB-UK
AINVR-VAL-nnTB-UK



AINVR-PRM-PLUS-nnTB-EU
AINVR-PRM-nnTB-EU
AINVR-STD-nnTB-EU
AINVR-VAL-nnTB-EU



AINVR-PRM-PLUS-nnTB-AU
AINVR-PRM-nnTB-AU
AINVR-STD-nnTB-AU
AINVR-VAL-nnTB-AU



SOFTWARE LICENSES

ACC7-ENT	ACC 7 Enterprise Edition license
ACC7-STD	ACC 7 Standard Edition license
ACC7-COR	ACC 7 Core Edition license
ACC7-VAC	ACC 7 Video Analytics feature channel license — Required for Classified Object Detection
ACC7-FACE	ACC 7 Face feature channel license
ACC7-FACE-10C	ACC 7 Face feature 10 channel license
ACC7-LPR	ACC 7 LPR lane license

OPTIONS AND ACCESSORIES

AINVR-STD-PRK	Performance Kit for AINVR-STD
AINVR-STD-10GBE	Network Card, QP 10G-SFP+, for AINVR-STD
AINVR-SFPPLUS-SR	SFP+ 10GBASE-SR Optical Transceiver (single) for AI NVR Premium+, AI NVR Premium, and AI NVR Standard
AINVR-PRM-2NDPS	Redundant, hot-swappable power supply for AINVR-PRM or AINVR-PRM-PLUS
AINVR-STD-2NDPS	Redundant, hot-swappable power supply for AINVR-STD
AINVR-VAL-2NDPS	Redundant, hot-swappable power supply for AINVR-VAL
AINVR-HDD-HOT-16TB	Spare hard drive, 16TB, for AINVR PRM 128TB and AINVR PRM PLUS 128TB
AINVR-HDD-HOT-12TB	Spare hard drive, 12TB, for AINVR PRM 96TB and AINVR PRM PLUS 96TB
AINVR-HDD-HOT-8TB	Spare hard drive, 8TB, for AINVR PRM 64TB, AINVR PRM PLUS 64TB, and AINVR STD 32TB/48TB
AINVR-HDD-HOT-4TB	Spare hard drive, 4TB, for AINVR STD 24TB, AINVR VAL 12TB
AINVR-HDD-HOT-2TB	Spare hard drive, 2TB, for AINVR VAL 6TB
IDRAC9-ENT-UPG	iDRAC Enterprise upgrade
AINVR-PRM-WARR-5Y4HMC	4-hour MC (mission critical response) service-level agreement upgrade for AINVR-PRM or AINVR-PRM-PLUS
AINVR-STD-WARR-5Y4HMC	4-hour MC (mission critical response) service-level agreement upgrade for AINVR-STD
AINVR-VAL-WARR-5Y4HMC	4-hour MC (mission critical response) service-level agreement upgrade for AINVR-VAL
AINVR-KYD-WARR-5YR	Keep Your Drive warranty for AINVR-STD and AINVR-VAL

SUPPORT

Learn more and find additional documentation at [avigilon.com](https://www.avigilon.com) or email sales@avigilon.com for specific product support.



Nov 2021 | C5055S-A | Rev 5

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sales@avigilon.com | [avigilon.com](https://www.avigilon.com)

Workstation per il monitoraggio remoto 5^a generazione

2 monitor

4 monitor

Le workstation per il monitoraggio remoto di Avigilon sono appositamente progettate per accompagnare i registratori video in rete (NVR) di Avigilon o per espandere e scalare le installazioni esistenti con una workstation per il monitoraggio remoto ad alte prestazioni e conveniente. Pensate per funzionare senza problemi con il software di gestione video Avigilon Control CenterTM, le workstation per il monitoraggio remoto consentono agli utenti di visualizzare streaming video ad alta definizione su più monitor o monitor wall.



Funzioni



SUPPORTO 4K*

Supporta lo streaming video in 4K per il monitoraggio di telecamere ad alta risoluzione.

* Software ACCTM Client con 200% di ridimensionamento DPI.



PARTIZIONE DI RIPRISTINO

Fornisce una partizione di ripristino Avigilon per ripristinare le impostazioni predefinite in caso di problemi di sistema senza la necessità di avere un hardware esterno o una connessione a Internet.



FATTORE DI FORMA RIDOTTO

Offre la flessibilità di un fattore di forma ridotto per facilitare l'installazione in tutte le applicazioni.



SOLID STATE DRIVE

Fornisce il sistema operativo su un'unità a stato solido per migliorare il tempo di avvio e le velocità di lettura/scrittura per le esportazioni video.

Specifiche

	RM5-WKS-4MN				RM5-WKS-2MN		
			4 display 4K*	4 display HD	2 display 4K*	2 display HD	
SISTEMA	Stream di visualizzazione		Fino a 144		Fino a 72		
	Prestazioni streaming primario (software ACC impostato su alta qualità)	15 FPS	2 MP	35 streaming	35 streaming	20 streaming	20 streaming
			4 MP	25 streaming	25 streaming	14 streaming	14 streaming
			8 MP	14 streaming	14 streaming	8 streaming	8 streaming
		30 FPS	2 MP	14 streaming	20 streaming	10 streaming	14 streaming
			4 MP	14 streaming	16 streaming	8 streaming	9 streaming
			8 MP	5 streaming	5 streaming	4 streaming	4 streaming
	Interfacce monitor supportate		Combinazione di fino a 4: mDP, DP e HDMI (gli adattatori DP e HDMI vengono forniti)		Combinazione di fino a 2: mDP, DP e HDMI (gli adattatori DP e HDMI vengono forniti)		
	Sistema operativo		Microsoft Windows 10 IoT Enterprise LTSB				
	Processore		Intel® Core™ i5			Intel Core i3	
	Memoria		RAM DDR4 da 16 GB			RAM DDR4 da 8 GB	
	Archiviazione		SSD da 256 GB + HDD da 500 GB				
	Interfaccia di rete		2 porte RJ-45 Gigabit Ethernet (1000Base-T)				
Uscite video		4 attive (4 × mDP)			2 attive (4 × mDP)		
Drive ottico		DVD-RW					
* Software ACC Client con 200% di ridimensionamento DPI.							
CARATTERISTICHE MECCANICHE	Fattore di forma		Fattore di forma ridotto				
	Dimensioni (P x L x A)		292 mm × 92,6 mm × 290 mm (11,50" × 3,65" × 11,42")				
	Peso		5,26 kg (11,57 libbre)				
CARATTERISTICHE ELETTRICHE	Ingresso alimentazione		Da 100 a 240 V CA, 50/60 Hz, commutazione automatica				
	Alimentazione		Singola senza ridondanza				
	Consumo energetico		260 W				
CARATTERISTICHE AMBIENTALI	Temperatura operativa		Da 10 °C a 35 °C (da 50 °F a 95 °F)				
	Temperatura di immagazzinaggio		Da -40 °C a 65 °C (da -40 °F a 149 °F)				
	Umidità		Umidità relativa 5-95% con punto rugiada massimo a °C (91 °F)				
	Vibrazione operativa		Da 0,26 Grms a 5 Hz fino a 350 Hz				
	Vibrazione in immagazzinaggio		Da 1,88 Grms a 10 Hz fino a 500 Hz per 15 minuti				
	Shock operativo		Impulso shock di 40 G per un massimo di 2,3 ms				
	Shock di funzionamento		Impulso shock di 71 G per un massimo di 2,0 ms				
	Altitudine operativa		-15,2 m fino a 3.048 m				
	Altitudine di funzionamento		-15,2 m fino a 12.000 m				
ACCESSORI IN DOTAZIONE	RM5-WKS-4MN: Tastiera USB, mouse USB, cavo di alimentazione, 4 adattatori da mDP a DP, 4 adattatori da mPD a HDMI						
	RM5-WKS-2MN: Tastiera USB, mouse USB, cavo di alimentazione, 2 adattatori da mDP a DP, 2 adattatori da mPD a HDMI						
CERTIFICAZIONI	Certificazioni/Direttive		UL, cUL, CE, FCC, RCM, CCC, EAC, VCCI, KC, BSMI, NRCS, RoHS, NOM				
	Garanzia		Assistenza tecnica tramite il supporto telefonico Avigilon 24 ore su 24, 7 giorni su 7 e garanzia di 3 anni con assistenza entro il giorno lavorativo successivo				
INFORMAZIONI PER GLI ORDINI	RM5-WKS-4MN-XX		Workstation per il monitoraggio remoto Avigilon Control Center per un massimo di 4 monitor*				
	RM5-WKS-2MN-XX		Workstation per il monitoraggio remoto Avigilon Control Center per un massimo di 2 monitor*				
	NVR4-WKS-WARR-EXTEND-1YR		1 anno di garanzia estesa per NVR4-WKS/RM5-WKS				
	NVR4-WKS-WARR-EXTEND-2YR		2 anni di garanzia estesa per NVR4-WKS/RM5-WKS				
	WKS-RACK		Rack compatibile con NVR4-WKS/RM5-WKS				

* Il monitor è venduto separatamente

RM5-WKS-xMN-NA =



RM5-WKS-xMN-UK =



RM5-WKS-xMN-EU =



RM5-WKS-xMN-AU =



CATALOGO PRODOTTI DEL TRAFFICO



GESTIONE INTELLIGENTE E
MONITORAGGIO DEL TRAFFICO (ITS)



CONTROLLO DELLA SICUREZZA
STRADALE URBANA



CONTROLLO ACCESSI PER PARCHEGGI,
AREE RESIDENZIALI O NON
PRESIDiate



LETTORI PER SISTEMI DI
PEDAGGIAMENTO



- DA 0 TO 250 Km/h FREE FLOW
- FINO A DUE CORSIE
- DA 2 A 35 METRI DI DISTANZA
- DA 16 GB uSD A 1 TB SSD


- UE OCR E ADR KEMLER CODE
- ILLUMINATORE IR INTEGRATO
- HIGH QUALITY OCR
- GESTIONE LISTE


- **OPZIONE 3G INTEGRATA**
- **SISTEMA DI SENSING**
- **ALIMENTAZIONE PoE**


-PLATE A0






FREE FLOW LIMIT	30 Km/h
LANE NUMBER	1 Lane
SENSOR (IR Camera)	1280 x 960 CMOS OCR BW camera
STORAGE	uSD 16GB
STREAMING	OCR Camera: MJPEG


-PLATE A1





FREE FLOW LIMIT	160 Km/h
LANE NUMBER	1 Lane
SENSOR (IR Camera)	1280 x 960 CMOS OCR BW camera
STORAGE	uSD 16GB up to 32GB (SSD OPTION)
STREAMING	OCR Camera: MJPEG


-PLATE A2





FREE FLOW LIMIT	200 Km/h
LANE NUMBER	1 Lane
SENSOR (IR Camera)	1600 x 1200 CMOS OCR BW camera
STORAGE	uSD 16GB up to 64GB (SSD OPTION)
STREAMING	OCR Camera: MJPEG


-PLATE A2HD



FREE FLOW LIMIT	200 Km/h
LANE NUMBER	1 Lane
SENSOR (IR Camera)	1920 x 1080 CMOS OCR BW camera
STORAGE	HD SSD 128 GB (up to 1TB)
STREAMING	OCR Camera: MJPEG


-PLATE A5



FREE FLOW LIMIT	250 Km/h
LANE NUMBER	2 Lane
SENSOR (IR Camera)	2560 x 2048 CMOS OCR BW camera
STORAGE	HD SSD 128 GB (up to 1TB)
STREAMING	OCR Camera: MJPEG

VIDEO ANALISI A BORDO MACCHINA

ANPR

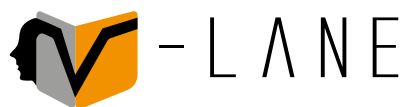


STIMA DELLA VELOCITA'



CODICI MERCI PERICOLOSE









LANE MANAGER

TELECAMERE A DOPPIA OTTICA

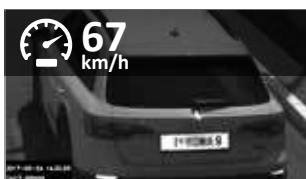
- PACCHETTO FUNZIONI LINEA v-PLATE
- RICONOSCE 5 CLASSI DI VEICOLI
- RICONOSCE 6 CLASSI DI COLORI

- ALLARMI AID DI VARCO
- STATISTICHE AID DI VARCO
- REGISTRAZIONE CONTINUA TVCC

 V-LANE A1	<table><tr><td>FREE FLOW LIMIT</td><td>160 KM/H</td></tr><tr><td>LANE NUMBER</td><td>1 Lane</td></tr><tr><td>SENSOR1</td><td>1280 x 960 CMOS OCR BW camera</td></tr><tr><td>SENSOR2</td><td>1280 x 960 CMOS COLOR camera</td></tr><tr><td>STORAGE</td><td>uSD 16GB up to 32GB (SSD OPTION)</td></tr><tr><td>STREAMING</td><td>OCR Camera: MJPEG; COLOR Camera: MJPEG, H264, RTSP</td></tr></table>	FREE FLOW LIMIT	160 KM/H	LANE NUMBER	1 Lane	SENSOR1	1280 x 960 CMOS OCR BW camera	SENSOR2	1280 x 960 CMOS COLOR camera	STORAGE	uSD 16GB up to 32GB (SSD OPTION)	STREAMING	OCR Camera: MJPEG; COLOR Camera: MJPEG, H264, RTSP
FREE FLOW LIMIT	160 KM/H												
LANE NUMBER	1 Lane												
SENSOR1	1280 x 960 CMOS OCR BW camera												
SENSOR2	1280 x 960 CMOS COLOR camera												
STORAGE	uSD 16GB up to 32GB (SSD OPTION)												
STREAMING	OCR Camera: MJPEG; COLOR Camera: MJPEG, H264, RTSP												
 V-LANE A2	<table><tr><td>FREE FLOW LIMIT</td><td>200 KM/H</td></tr><tr><td>LANE NUMBER</td><td>1 Lane</td></tr><tr><td>SENSOR1</td><td>1600 x 1200 CMOS OCR BW camera</td></tr><tr><td>SENSOR2</td><td>1600 x 1200 CMOS COLOR camera</td></tr><tr><td>STORAGE</td><td>uSD 16GB up to 64GB (SSD OPTION)</td></tr><tr><td>STREAMING</td><td>OCR Camera: MJPEG; COLOR Camera: MJPEG, H264, RTSP</td></tr></table>	FREE FLOW LIMIT	200 KM/H	LANE NUMBER	1 Lane	SENSOR1	1600 x 1200 CMOS OCR BW camera	SENSOR2	1600 x 1200 CMOS COLOR camera	STORAGE	uSD 16GB up to 64GB (SSD OPTION)	STREAMING	OCR Camera: MJPEG; COLOR Camera: MJPEG, H264, RTSP
FREE FLOW LIMIT	200 KM/H												
LANE NUMBER	1 Lane												
SENSOR1	1600 x 1200 CMOS OCR BW camera												
SENSOR2	1600 x 1200 CMOS COLOR camera												
STORAGE	uSD 16GB up to 64GB (SSD OPTION)												
STREAMING	OCR Camera: MJPEG; COLOR Camera: MJPEG, H264, RTSP												
 V-LANE A2HD	<table><tr><td>FREE FLOW LIMIT</td><td>200 KM/H</td></tr><tr><td>LANE NUMBER</td><td>1 Lane</td></tr><tr><td>SENSOR1</td><td>1920 x 1080 CMOS OCR BW camera</td></tr><tr><td>SENSOR2</td><td>1920 x 1080 CMOS COLOR camera</td></tr><tr><td>STORAGE</td><td>HD SSD 128 GB (up to 1TB)</td></tr><tr><td>STREAMING</td><td>OCR Camera: MJPEG; COLOR Camera: MJPEG, H264, RTSP</td></tr></table>	FREE FLOW LIMIT	200 KM/H	LANE NUMBER	1 Lane	SENSOR1	1920 x 1080 CMOS OCR BW camera	SENSOR2	1920 x 1080 CMOS COLOR camera	STORAGE	HD SSD 128 GB (up to 1TB)	STREAMING	OCR Camera: MJPEG; COLOR Camera: MJPEG, H264, RTSP
FREE FLOW LIMIT	200 KM/H												
LANE NUMBER	1 Lane												
SENSOR1	1920 x 1080 CMOS OCR BW camera												
SENSOR2	1920 x 1080 CMOS COLOR camera												
STORAGE	HD SSD 128 GB (up to 1TB)												
STREAMING	OCR Camera: MJPEG; COLOR Camera: MJPEG, H264, RTSP												
 V-LANE A5	<table><tr><td>FREE FLOW LIMIT</td><td>250 KM/H</td></tr><tr><td>LANE NUMBER</td><td>2 Lane</td></tr><tr><td>SENSOR1</td><td>2560 x 2048 CMOS OCR BW camera</td></tr><tr><td>SENSOR2</td><td>2560 x 2048 CMOS COLOR Camera</td></tr><tr><td>STORAGE</td><td>HD SSD 128 GB (up to 1TB)</td></tr><tr><td>STREAMING</td><td>OCR Camera: MJPEG; COLOR Camera: MJPEG, H264, RTSP</td></tr></table>	FREE FLOW LIMIT	250 KM/H	LANE NUMBER	2 Lane	SENSOR1	2560 x 2048 CMOS OCR BW camera	SENSOR2	2560 x 2048 CMOS COLOR Camera	STORAGE	HD SSD 128 GB (up to 1TB)	STREAMING	OCR Camera: MJPEG; COLOR Camera: MJPEG, H264, RTSP
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VIDEO ANALITICHE A BORDO MACCHINA

FUNZIONI V-PLATE



CLASSIFICAZIONE PER TIPO VEICOLO



CLASSIFICAZIONE PER COLORE



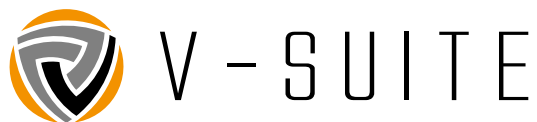
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ANALISI DEL TRAFFICO DI VARCO



VIDEO SORVEGLIANZA TVCC





UNA SUITE COMPLETA DI SOFTWARE PER GESTIRE E
SUPERVISIONARE SISTEMI E DISPOSITIVI



GESTISCI I DATI DEL TRAFFICO



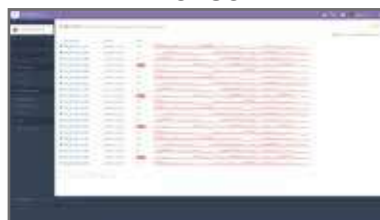
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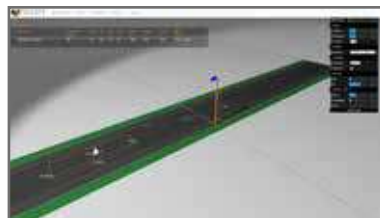
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NELLE TUE MAPPE



SUPPORTO TECNICO ALLE
INSTALLAZIONI



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