

AVTECH

PRODUCT PRESENTATION

Product Line 2025

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[IP CAMERAS](#)

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PRODUCT SERIES



IP Camera

- [AVColor](#)
- [AVGuard](#)
- [AVPano](#)
- [AVPro](#)
- [AVSwift](#)



NVR

- [Standard](#)
- [AV ETU](#)
- [AV ETC](#)



HD Camera

- [AVColor](#)
- [AVSwift](#) with AOC
- [AVSwift](#)



XVR

- [Standard](#)
- [AV ETU](#)
- [AV ETC](#)



Others

- [POE Switch](#)
- [CMS](#)
- [EagleEyes](#)
- [AVTECH+](#)



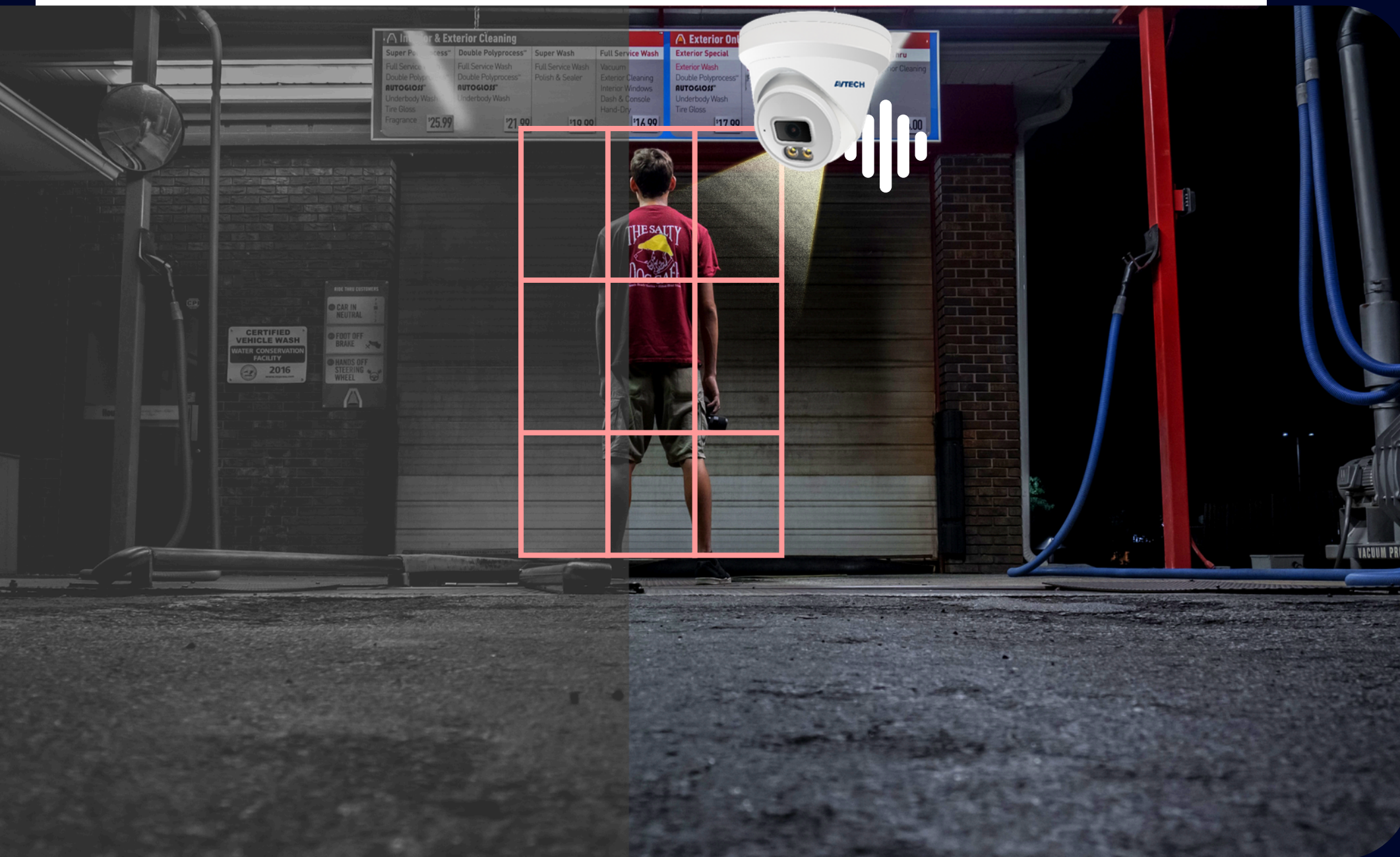
IP CAMERA

- [AVGuard](#)
- [AVPano](#)
- [AVColor](#)
- [AVPro](#)
- [AVSwift](#)



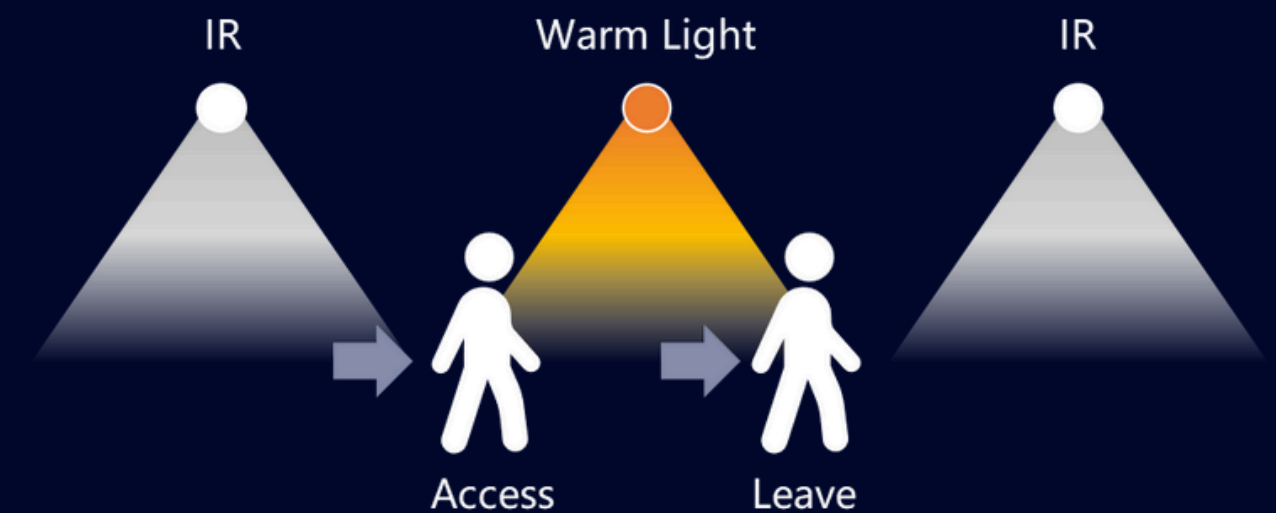
H265
COMPRESSION

AVGuard



The **AVGuard** camera series make your system go from a passive to an active security solution. With AI detection capabilities and built-in speaker and microphone it lets you take action as soon as an event occurs. Use our EagleEyes APP to take advantage of AVGuard's two-way audio capabilities

This series features an advanced dual lighting system, that allows it to switch between IR Mode and warm light when a suspect is detected, acting as an active deterrence tool



AVGuard



DEMO LINK



Key Features:

- AI Smart Detection
- Smart Dual Light System
- Built-in Speaker
- Built-in Microphone
- Great F1.0 / F1.6 aperture
- Starlight Sensor
- Up to 4K resolution
- WDR
- MicroSD Card Slot

AVGuard

5MP & 8MP IP CAMERA SERIES

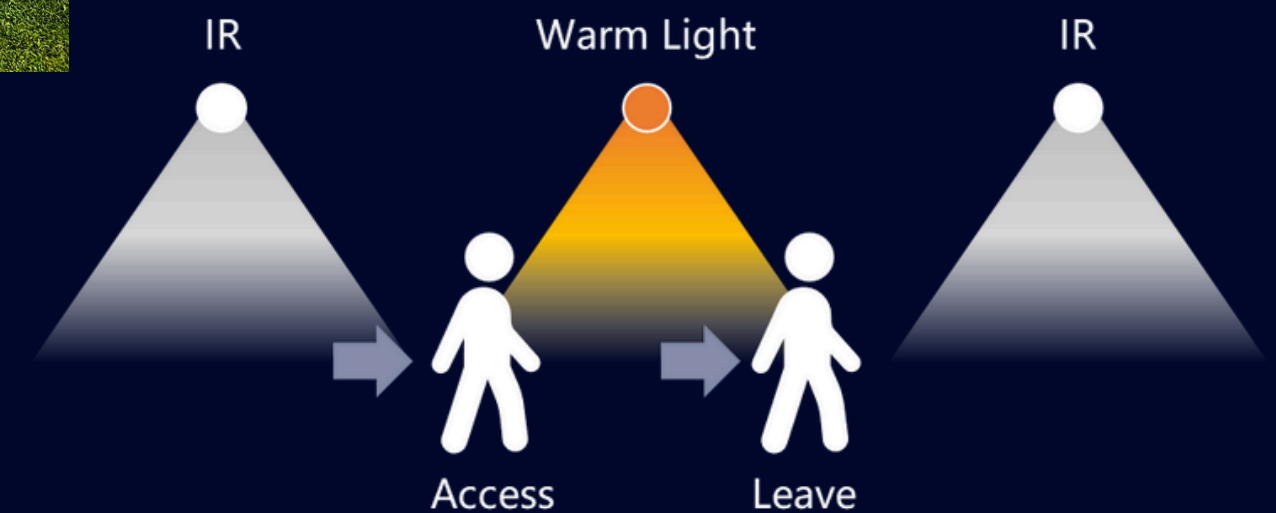
MODEL	DGM5506SVSGAT	DGM5206SVSGAT	DGM8508SVGAT	DGM8208SVGAT	DGM5907SVSGAT
IMAGE					
SENSOR	1/2.8" SONY STARLIGHT CMOS				
MAX. RESOLUTION	2560x1944 (5MP / 25FPS)		4K (8MP / 20FPS)		2560x1944 (5MP / 25FPS)
MIN. ILUMINATION	0.001 LUX (IR OFF) 0 LUX (IR ON)				
WDR	YES (120dB)				
LENS	f2.8 mm / F1.6				f2.8-12mm / F1.6 PTZ
MICROSD	YES (256GB)				
AI FEATURES	HUMAN AND VEHICLE SMART DETECTION		HUMAN AND VEHICLE SMART DETECTION		
AUDIO I/O	TWO WAY AUDIO (MICROPHONE & SPEAKER BUILT-IN)				

AVPano



The AVPano series offers panoramic views of up to 180 degrees with its dual-lens or wide-angle design, ensuring comprehensive coverage without blind spots. Equipped with AI detection, two-way audio, and an advanced dual lighting system, it transitions from IR Mode to warm light when a suspect is detected, serving as an active deterrent.

Take action instantly with the EagleEyes APP and elevate your security to the next level.



AVPano

5MP & 8MP IP CAMERA SERIES

MODEL	DGM8707DGAT	DGM8807DGAT	DGM8076SVAT	DGM5216SVAT
IMAGE				
SENSOR	1/2.7" CMOS X 2		SONY STARLIGHT 1/2.8" CMOS	
MAX. RESOLUTION	4K (8MP / 20FPS)			5MP @ 25 FPS
MIN. ILUMINATION	0.001 LUX (IR OFF) 0 LUX (IR ON)			
WDR	DWDR	DWDR	YES (120dB)	
LENS	f2.8 mm / F1.6 X 2		f0.98mm Wide Angle	f2.8mm/F1.6
MICROSD	YES (256GB)			
AI FEATURES	HUMAN AND VEHICLE SMART DETECTION			
AUDIO I/O	TWO WAY AUDIO (MICROPHONE & SPEAKER BUILT-IN)			MICROPHONE BUILT-IN

The AVColor logo is displayed within a white rounded rectangle. The letters 'AV' are in a bold, dark blue font, with the 'V' having a red diagonal stripe. The word 'Color' is in a dark blue serif font.

The **AVColor** camera models take the advantages of their starlight imaging sensor, F1.0 aperture, and complementary warm lights to deliver full color images even during night time at low light environments where traditional IR cameras are only able to capture black and white images.

AVColor



Key Features:

- AI Smart Detection
- Smart Warm LED
- Built-in Microphone
- Great F1.0 Aperture
- Starlight Sensor
- Up to 4K resolution
- WDR
- MicroSD Card Slot



SMARTPHONE



AVColor



**AVCOLOR 5MP MODEL
DGM5106SVWAT**

[DEMO LINK](#)

AVColor

2MP, 5MP & 8MP IP CAMERA SERIES

MODEL	DGM2103SVWHT	DGM2203SVWHT	DGM5106SVWAT	DGM5206SVWAT	DGM8108SVWAT	DGM8208SVWAT
IMAGE						
SENSOR	1/2.8" SONY STARLIGHT CMOS					
MAX. RESOLUTION	1920 x 1080 (2MP / 30FPS)		2560x1944 (5MP / 25FPS)		4K (8MP / 20FPS)	
MIN. ILUMINATION	0.0001 LUX (IR OFF) 0 LUX (IR ON)					
WDR	YES (120dB)					
LENS	f2.8 mm / F1.0					
MICROSD	YES (256GB)					
AI FEATURES	VEHICLE SMART DETECTION		HUMAN AND VEHICLE SMART DETECTION			
AUDIO I/O	1 IN (MICROPHONE BUILT-IN)					

AVPro



The **AVPro** camera series is designed to meet the demands of more advanced projects and integrate with other security devices easily, offering a high performance solution for all kind of projects

With models offering up to 4K resolution, you will be able to capture all details even in low light conditions thanks to high-end starlight sensors.

Exceptional low-light performance is coupled with AI detection, and more advanced hardware features going from MicroSD card slot to Alarm I/O





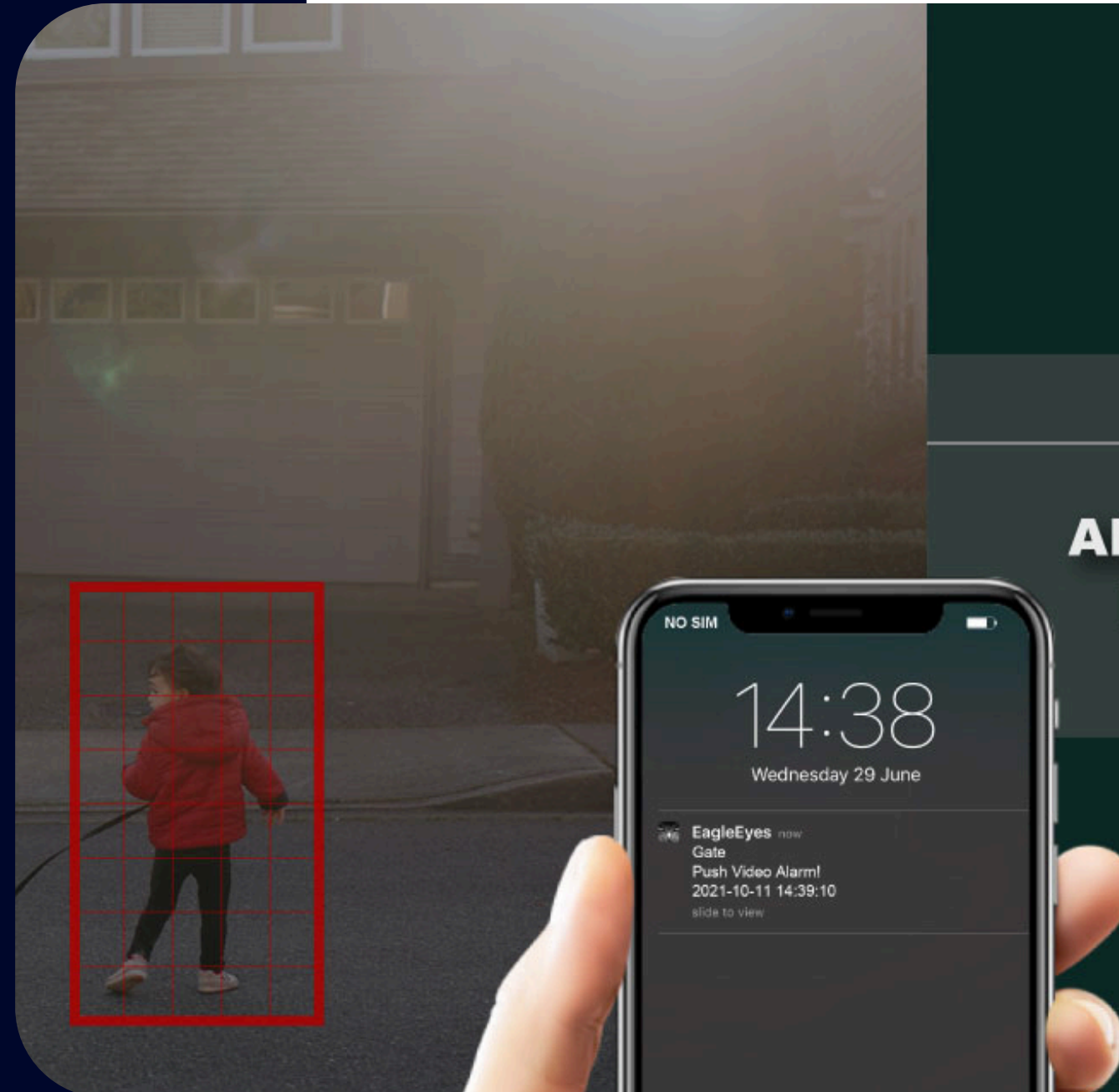
Key Features:

- AI Smart Detection
- Built-in Alarm I/O
- Built-in Audio Out
- Built-in Microphone
- Starlight Sensor
- Up to 4K resolution
- WDR
- MicroSD Card Slot



H265
COMPRESSION

AVPro



4K Solution

AI-based Human Detection IP Surveillance System

NDAA
Compliant

TAA
Compliant





AVPRO 5-50MM LENS



CAM. WITH FIXED LENS

AVPro

8MP IP CAMERA SERIES

MODEL	DGM8109SVAT	DGM8209SVAT	DGM8449SVAT	DGM8549SVAT	DGM8757SVAT
IMAGE					
SENSOR	1/2.8" SONY STARLIGHT CMOS				
MAX. RESOLUTION	4K (8MP / 30FPS)				4K (8MP / 20FPS)
MIN. ILUMINATION	0.001 LUX (IR OFF) 0 LUX (IR ON)				
WDR	YES (120dB)				
LENS	f2.8 mm / F1.6		f2.8 ~ 12mm / F1.6 ~ F2.2		f5.0 ~ 50mm / F1.6 ~ F2.2
MICROSD	YES (256GB)				
AI FEATURES	HUMAN AND VEHICLE SMART DETECTION				
ALARM I/O	1 IN / 1 OUT	-	1 IN / 1 OUT		1 IN / 1 OUT
AUDIO I/O	1 IN (MIC.) / 1 OUT (LINE)	1 IN (MIC.)	1 IN (MIC.) / 1 OUT (LINE)		

AVPro

5MP IP CAMERA SERIES

MODEL	DGM5106SVAT	DGM5206SVAT	DGM5446SVAT	DGM5546SVAT	DGM5757SVAT
IMAGE					
SENSOR	1/2.8" SONY STARLIGHT CMOS				
MAX. RESOLUTION	2592x1944 (5MP / 25FPS)				
MIN. ILUMINATION	0.001 LUX (IR OFF) 0 LUX (IR ON)				
WDR	YES (120dB)				
LENS	f2.8 mm / F1.6		f2.8 ~ 12mm / F1.6 ~ F2.2		f5.0 ~ 50mm / F1.6 ~ F2.2
MICROSD	YES (256GB)				
AI FEATURES	HUMAN AND VEHICLE SMART DETECTION				
ALARM I/O	1 IN / 1 OUT	-	1 IN / 1 OUT		
AUDIO I/O	1 IN (MIC.) / 1 OUT (LINE)	1 IN (MIC.)	1 IN (MIC.) / 1 OUT (LINE)		



AVSwift

Targeted to small and midsize projects, this series covers all the basics and goes beyond by offering AI detection and an overall great value and performance relation

Because accessing advanced features such as AI Human and Vehicle detection does not need to come along a high price tag.

AVTECH's AVSwift series offer the lowest pricing in the IP camera series, while borrowing some key features from the AVPro series

AVSwift

Key Features:

- AI Smart Detection
- Built-in Microphone
- Starlight Sensor*
- Up to 4K resolution
- DWDR / WDR

H265
COMPRESSION



AVSwift

8MP IP CAMERA SERIES

MODEL	DGM8108SVAT	DGM8208SVAT	DGM8448SVAT	DGM8548SVAT
IMAGE				
SENSOR	1/2.8" SONY STARLIGHT CMOS			
MAX. RESOLUTION	3840 x 2160 (8MP / 20FPS)			
MIN. ILUMINATION	0.001 LUX (IR OFF) 0 LUX (IR ON)			
WDR	YES (120dB)			
LENS	f2.8 mm / F1.6		f2.8 ~ 12mm / F1.6 ~ F2.2	
IR LED	18 UNITS (30m)		4 UNITS (40m)	20 UNITS (30m)
AI FEATURES	HUMAN AND VEHICLE SMART DETECTION			
PUSH VIDEO	YES (WITH AVTECH NVR)			
AUDIO I/O	1 IN (MIC.)			

AVSwift

5MP IP CAMERA SERIES

MODEL	DGM5104SCT	DGM5103AGCAT	DGM5203AGCAT	DGM5345GCAT	DGM5545GCAT
IMAGE					
SENSOR	1/2.9" CMOS	1/3" CMOS			
MAX. RESOLUTION	2560x1944 (5MP / 25FPS)				
MIN. ILUMINATION	0.01 LUX (IR OFF) 0 LUX (IR ON)				
WDR	DIGITAL WDR				
LENS	f3.6 mm / F1.6	f2.8 mm / F1.6		f2.8 ~ 12mm / F1.6 ~ F2.2	
IR LED	4 Units (30m)	18 UNITS (30m)			20 UNITS (30m)
AI FEATURES	HUMAN SMART DETECTION				
PUSH VIDEO	YES (WITH AVTECH NVR)				
AUDIO I/O	1 IN (MIC.)				

AVSwift

3MP IP CAMERA SERIES

MODEL	DGM3104SCT	DGM3103SCT	DGM3203SCT	DGM3436GCT	DGM3345SCHT	DGM3545SCHT
IMAGE						
SENSOR	1/2.8" CMOS	1/2.7" CMOS		1/2.9" CMOS	1/2.7" CMOS	
MAX. RESOLUTION	2304×1296 (3MP / 25FPS)					
MIN. ILUMINATION	0.01 LUX (IR OFF) 0 LUX (IR ON)					
WDR	DIGITAL WDR					
LENS	f3.6 mm / F1.6	f2.8 mm / F1.6		f2.8 ~ 12mm / F1.6 ~ F2.2	f2.8 ~ 12mm / F1.6 ~ F2.2	
IR LED	4 Units (30m)	18 UNITS (30m)		4 UNITS (40m)	18 UNITS (30m)	20 UNITS (30m)
AI FEATURES / SD CARD	HUMAN SMART DETECTION			SD CARD SLOT	HUMAN SMART DETECTION	
PUSH VIDEO	YES (WITH AVTECH NVR)					
AUDIO I/O	1 IN (MIC.)					

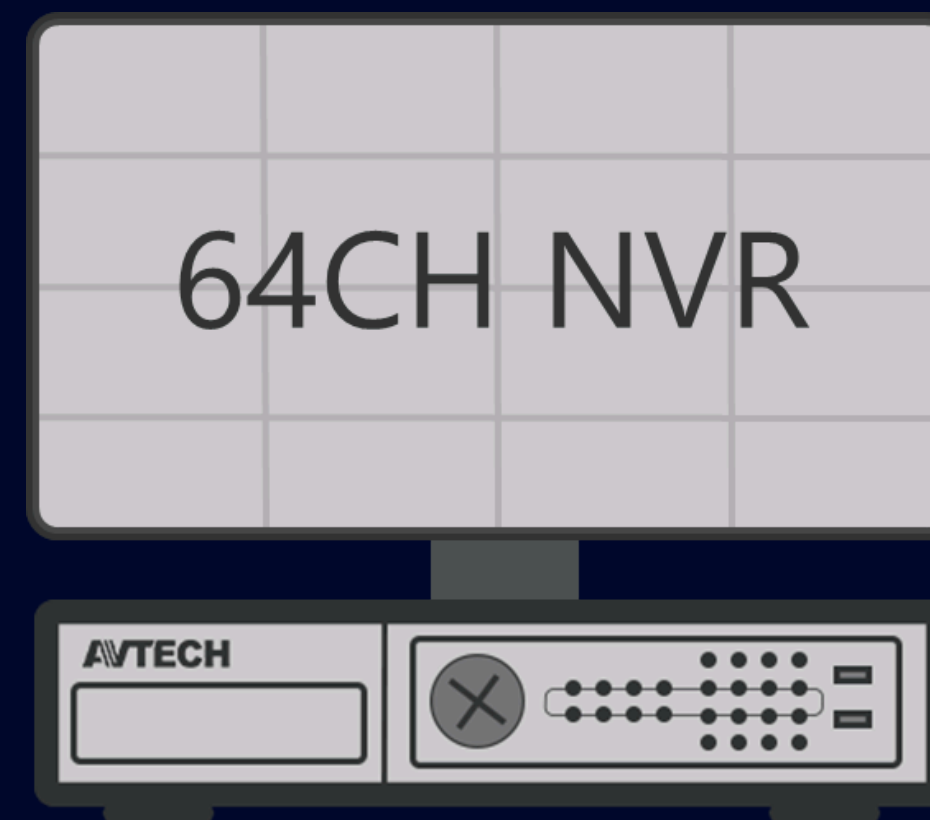
AVSwift

IP PTZ SERIES

MODEL	DGM2937SVAT	DGM5937SVAT	DGM8937SVAT
IMAGE			
SENSOR	1/2.8" SONY STARLIGHT CMOS		
MAX. RESOLUTION	1920x1080 (2MP / 30FPS)	2560x1944 (5MP / 25FPS)	3840 x 2160 (8MP / 20FPS)
MIN. ILUMINATION	0.001 LUX (IR OFF) 0 LUX (IR ON)		
WDR	YES (120dB)		
LENS	4.7-94mm /F1.6-F3.5 (20X)		4.5-148.5mm / F1.6-F3.5 (33X)
IR LED	8 UNITS (120m)		
AI FEATURES	HUMAN SMART DETECTION	HUMAN AND VEHICLE SMART DETECTION & AI BASED AUTOTRACKING	
PUSH VIDEO / SD CARD	YES (WITH AVTECH NVR)	YES (WITH AVTECH NVR)	YES (WITH AVTECH NVR) / SD SLOT
AUDIO I/O	1 IN (MIC.) / 1 LINE OUT		

NVR LINE

With decades of experience releasing leading recording solutions to the market, AVTECH provides a wide range of recording options for all kind of projects



■ **Standard Line**

■ **AV-ETU Line**

■ **AV-ETC Line**

AI FUNCTIONS

Upgrade your IP system into an AI-enabled solution with our NVRs



Human
Detection



Vehicle
Detection



Face
Detection



Virtual Fence

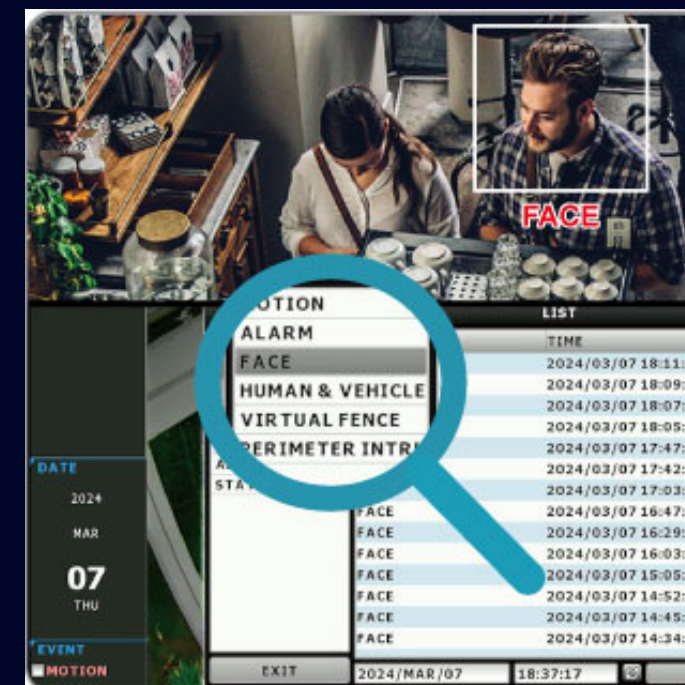


Perimeter
Detection



Flow
Counting

- AI Based Face, Human, & Vehicle Detection
- IVS functions based on AI
- AI Event Smart Search
- Support for all IP cameras (AVTECH, ONVIF & RTSP)



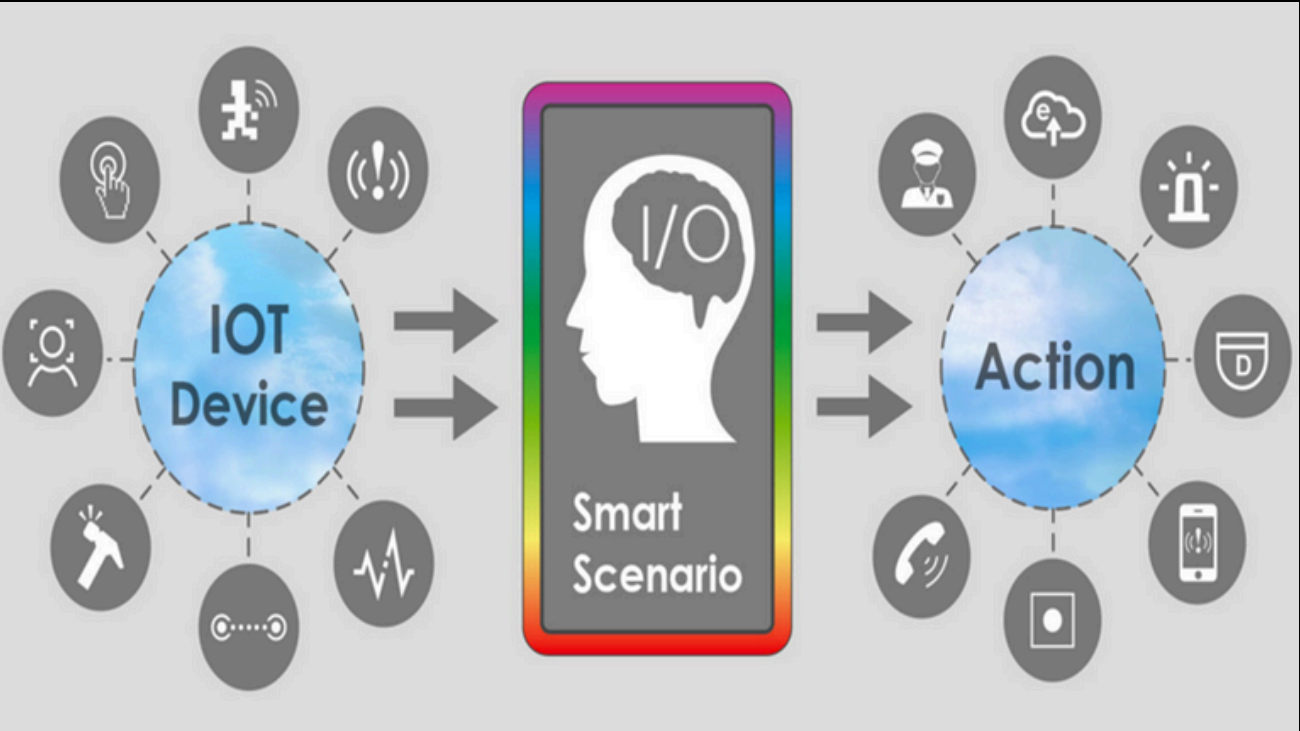
DEMO

H265
COMPRESSION

STANDARD SERIES

The standard line of recorders offers a great degree of customization when it comes to actions and operation of the system based on determined events set by the user achieving a device that fully adapts to the specific needs of the user thanks to its built-in rule engine

Furthermore with its advanced hardware features it offers easy integration with external systems such as alarms and audio devices



Standard
GUI DEMO



BUILT-IN AI STANDARD H.265 4K NVR SERIES

MODEL	DGH1103BIX	DGH1107BIX	DGH2114BIX	AVH2109AIX 	AVH2117AIX 
IMAGE					
CHANNEL NUMBER	4CH	9CH	16CH	9CH	16CH
AI FUNCTION	HUMAN / VEHICLE / FACE DETECTION / PERIMETER INTRUSION / FLOW COUNTING / VIRTUAL FENCE				
VIDEO OUTPUT	HDMI / VGA / Composite				
HDD STORAGE	SATA HDD x 1 (UP TO 20TB) / EXPANDABLE THROUGH eSATA		SATA HDD x 2 (UP TO 40TB) / EXPANDABLE THROUGH eSATA		
MAX. RECORDING	4K (8MP) @ 120 IPS	4K (8MP) @ 270 IPS	4K (8MP) @ 480 IPS	4K (8MP) @ 270 IPS	4K (8MP) @ 480 IPS
PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO
PoE BUILT-IN	-	-	-	8 PoE PORTS	16 PoE PORTS
ALARM I/O	-	-	-	4 IN / 1 OUT	
RS485	YES	YES	YES	YES	YES

BUILT-IN AI STANDARD H.265 4K NVR SERIES

MODEL	AVH8516AIX	AVH8536AIX	AVH8564AX
IMAGE			
CHANNEL NUMBER	16CH	36CH	64CH
AI FUNCTION	HUMAN / VEHICLE / FACE DETECTION / PERIMETER INTRUSION / FLOW COUNTING / VIRTUAL FENCE		
VIDEO OUTPUT	HDMI / VGA / Composite		
HDD STORAGE	SATA HDD x 8 (UP TO 160TB)		
MAX. RECORDING	4K (8MP) @ 480 IPS	4K (8MP) @ 1080 IPS	4K (8MP) @ 960 IPS
PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO
COMPRESSION	 H265 COMPRESSION	 H265 COMPRESSION	 H265 COMPRESSION
ALARM I/O	4 IN / 1 OUT	4 IN / 1 OUT	4 IN / 1 OUT
AUDIO I/O	1 IN (MIC IN) / 1 OUT or HDMI	1 IN (MIC IN) / 1 OUT or HDMI	1 IN (MIC IN) / 1 OUT or HDMI
RS485	YES	YES	YES

STANDARD H.265 4K NVR SERIES

MODEL	DGH1103BX	DGH1108BX	DGH2115BX	AVH2109AX 	AVH2117AX 
IMAGE					
CHANNEL NUMBER	4CH	9CH	16CH	9CH	16CH
VIDEO OUTPUT	HDMI / VGA / Composite				
HDD STORAGE	SATA HDD x 1 (UP TO 20TB) / EXPANDABLE THROUGH eSATA		SATA HDD x 2 (UP TO 40TB) / EXPANDABLE THROUGH eSATA		
MAX. RECORDING	4K (8MP) @ 120 IPS	4K (8MP) @ 270 IPS	4K (8MP) @ 480 IPS	4K (8MP) @ 270 IPS	4K (8MP) @ 480 IPS
PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO
PoE BUILT-IN	-	-	-	8 PoE PORTS	16 PoE PORTS
ALARM I/O	-	-	-	4 IN / 1 OUT	
AUDIO I/O	-	-	-	1 IN / 1 OUT	
RS485	YES	YES	YES	YES	YES

STANDARD H.265 4K NVR SERIES

MODEL	AVH8516AX	AVH8536AX	AVH8564AX
IMAGE			
CHANNEL NUMBER	16CH	36CH	64CH
VIDEO OUTPUT	HDMI / VGA / Composite		
HDD STORAGE	SATA HDD x 8 (UP TO 160TB)		
MAX. RECORDING	4K (8MP) @ 480 IPS	4K (8MP) @ 1080 IPS	4K (8MP) @ 960 IPS
PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO
COMPRESSION	 H.265 COMPRESSION	 H.265 COMPRESSION	 H.265 COMPRESSION
ALARM I/O	4 IN / 1 OUT	4 IN / 1 OUT	4 IN / 1 OUT
AUDIO I/O	1 IN (MIC IN) / 1 OUT or HDMI	1 IN (MIC IN) / 1 OUT or HDMI	1 IN (MIC IN) / 1 OUT or HDMI
RS485	YES	YES	YES

AV-ETU



The **AV-ETU** line of recorders implements a fully redesigned interface for ease of use providing a plug & play experience for all AVTECH users. The ETU series allows you to avoid time-consuming setup and focus on what is truly important.

This line of recorders allows you to see as many ETU devices simultaneously as needed without a CMS license. Its dedicated AVTECH desktop application lets you view all your ETU recorders from a single PC and screen becoming a suitable solution for all sizes of businesses and projects.

DEMO

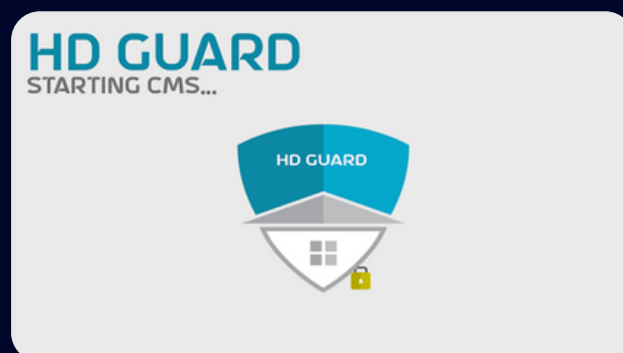
H265
COMPRESSION

AV-ETC



The **AV-ETC** (Easy To Customize) line of recorders implements the same easy and convenient experience as the **AV-ETU** line, while it offers a neutral and customizable interface, suitable for those users looking to promote their own brands.

This line of recorders also come with dedicated neutral mobile APPs and CMS for a fully independent promotion and experience.



H265
COMPRESSION

HD CAMERAS

- [AVColor](#)
- [AVSwift with AOC](#)
- [AVSwift](#)



AVColor

2MP WITH AOC CAMERA SERIES

MODEL	DGC2003FW	DGC2103FW	DGC2105ATW	DGC2205ATW
IMAGE				
SENSOR	1/3" CMOS		1/2.9" CMOS	
MAX. RESOLUTION	1920 x 1080 (2MP / 30FPS)		1920 x 1080 (2MP / 30FPS)	
MIN. ILUMINATION	0.01 LUX (IR OFF) 0 LUX (IR ON)		0.01 LUX (IR OFF) 0 LUX (IR ON)	
WDR	DIGITAL WDR		DIGITAL WDR	
LENS	f3.6 mm / F2.0		f3.6 mm / F1.6	
VIDEO MODE	TRIBID 3-in-1 (TVI / CVI / AHD)		QUADBRID 4-in-1 (TVI / CVI / AHD / CVBS)	
AUDIO I/O	-	-	1 IN (MICROPHONE BUILT-IN)	

AVColor

5MP & 8MP WITH AOC CAMERA SERIES

MODEL	DGC5104AFW	DGC5204AFW	DGC8106ATW	DGC8206ATW
IMAGE				
SENSOR	1/2.5" CMOS		1/2.8" SONY STARLIGHT CMOS	
MAX. RESOLUTION	2560x1944 (5MP / 12.5FPS)		4K (8MP / 20FPS)	
MIN. ILUMINATION	0.01 LUX (IR OFF) 0 LUX (IR ON)		0.001 LUX (IR OFF) 0 LUX (IR ON)	
WDR	DIGITAL WDR		YES (120dB)	
LENS	f3.6 mm / F1.6		f3.6 mm / F1.6	
VIDEO MODE	QUADBRID 4-in-1 (TVI / CVI / AHD / CVBS)			
AUDIO I/O	1 IN (MICROPHONE BUILT-IN)			

AVSwift

WITH AOC 8MP CAMERA SERIES*

MODEL	DGC8106AT	DGC8206AT	DGC8446F*	DGC8646F*
IMAGE				
SENSOR	1/2.8" SONY STARLIGHT CMOS			
MAX. RESOLUTION	4K (8MP / 20FPS)			
MIN. ILUMINATION	0.001 LUX (IR OFF) 0 LUX (IR ON)			
WDR	YES (120dB)			
LENS	f3.6 mm / F1.6		f2.8 ~ 12mm / F1.4	
VIDEO MODE	QUADBRID 4-in-1 (TVI / CVI / AHD / CVBS)		QUADBRID 4-in-1 (TVI / CVI / AHD / CVBS)	
AUDIO I/O	1 IN (MICROPHONE BUILT-IN)		-	

AVSwift

WITH AOC 5MP CAMERA SERIES

MODEL	DGC5005AT	DGC5104AF	DGC5204AF	DGC5446SE	DGC5646
IMAGE					
SENSOR	1/2.5" CMOS				
MAX. RESOLUTION	5MP / 20FPS				
MIN. ILUMINATION	0.01 LUX (IR OFF) 0 LUX (IR ON)				
WDR	DIGITAL WDR				
LENS	f3.6 mm / F1.6			f2.8 ~ 12mm / F1.4	
VIDEO MODE	QUADBRID 4-in-1 (TVI / CVI / AHD / CVBS)			QUADBRID 4-in-1 (TVI / CVI / AHD / CVBS)	
AUDIO I/O	1 IN (MICROPHONE BUILT-IN)			1 IN (MICROPHONE BUILT-IN)	

AVSwift

WITH AOC 2MP CAMERA SERIES

MODEL	DGC2005AT	DGC2105ATS	DGC2205ATS
IMAGE			
SENSOR	1/ 2.9" CMOS		
MAX. RESOLUTION	1080P@25/30FPS		
MIN. ILUMINATION	0.01 LUX (IR OFF) 0 LUX (IR ON)		
WDR	DIGITAL WDR		
LENS	f3.6 mm / F1.6		
VIDEO MODE	QUADBRID 4-in-1 (TVI / CVI / AHD / CVBS)		
AUDIO I/O	1 IN (MICROPHONE BUILT-IN)		



5MP CAMERA SERIES

MODEL	DGC5105TS	DGC5205TS	DGC5205TSSE
IMAGE			
SENSOR	1/2.5" CMOS		
MAX. RESOLUTION	5MP / 20FPS		
MIN. ILUMINATION	0.01 LUX (IR OFF) 0 LUX (IR ON)		
WDR	DIGITAL WDR		
LENS	f3.6 mm / F1.6		f2.8 ~ 12mm / F1.4
VIDEO MODE	QUADBRID 4-in-1 (TVI / CVI / AHD / CVBS)		QUADBRID 4-in-1 (TVI / CVI / AHD / CVBS)

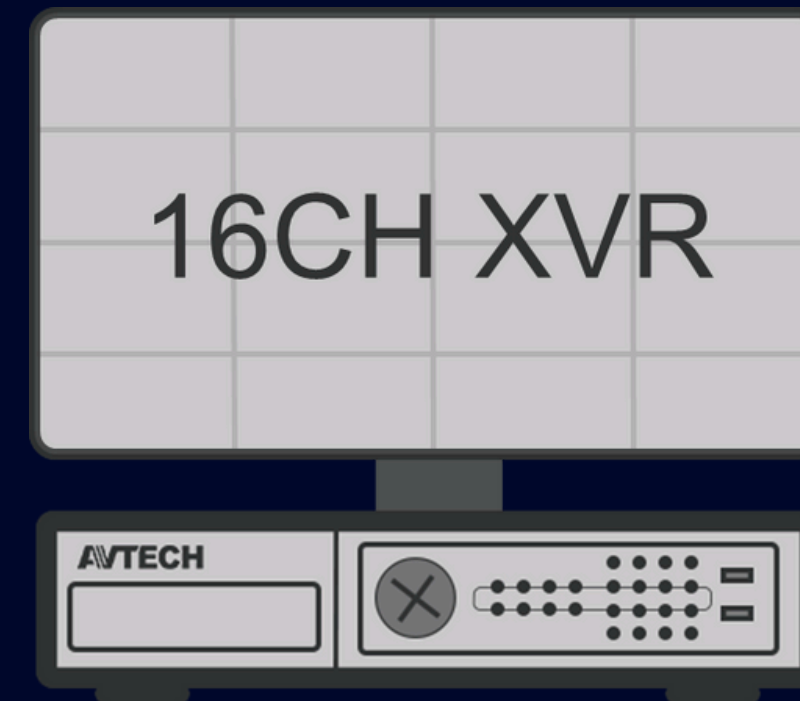
AVSWiFT

2MP CAMERA SERIES

MODEL	DGC2103F	DGC2003F	DGC2101F	DGC2004F	DGC1104RXFT	DGC1306XFT	DGC1304XFTSE
IMAGE							
SENSOR	1/3" CMOS				1/2.7" CMOS	1/ 2.7" CMOS	
MAX. RESOLUTION	1080P@25/30FPS		1080P@25/30FPS			1080P@25/30FPS	
MIN. ILUMINATION	0.01 LUX (IR OFF) 0 LUX (IR ON) 0.1 LUX (IR OFF) 0 LUX (IR ON)		0.01 LUX (IR OFF) 0 LUX (IR ON) 0.1 LUX (IR OFF) 0 LUX (IR ON)			0.01 LUX (IR OFF) 0 LUX (IR ON) 0.1 LUX (IR OFF) 0 LUX (IR ON)	
WDR	DIGITAL WDR		DIGITAL WDR			DIGITAL WDR	
LENS	f3.6 mm / F2.0		f3.6 mm / F1.8			f2.8 ~ 8.0mm / F1.6 ~ F2.8	
VIDEO MODE	TRIBRID 3-in-1 (TVI / CVI / AHD)		QUADBRID 4-in-1 (TVI / CVI / AHD / CVBS)		TVI	QUADBRID 4-in-1 (TVI / CVI / AHD / CVBS)	

XVR LINE

With decades of experience releasing leading recording solutions to the market, AVTECH provides a wide range of recording options for all kind of projects



■ **Standard Line**

■ **AV-ETU Line**

■ **AV-ETC Line**

AI FUNCTIONS

Turn your old analog system into an AI-enabled solution with our XVRs



Human
Detection



Vehicle
Detection



Face
Detection



Virtual Fence

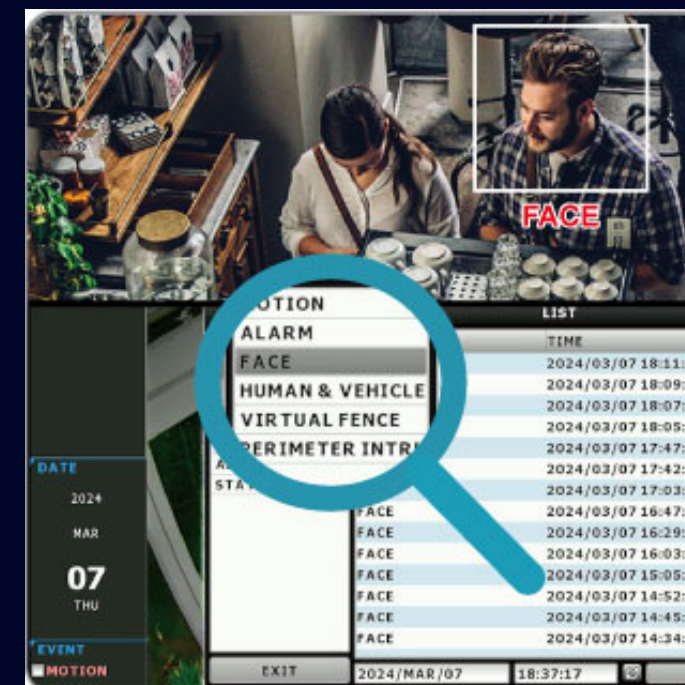


Perimeter
Detection



Flow
Counting

- AI Based Face, Human, & Vehicle Detection
- IVS functions based on AI
- AI Event Smart Search
- Support for all analog cameras (TVI, AHD, CVI, 960H).

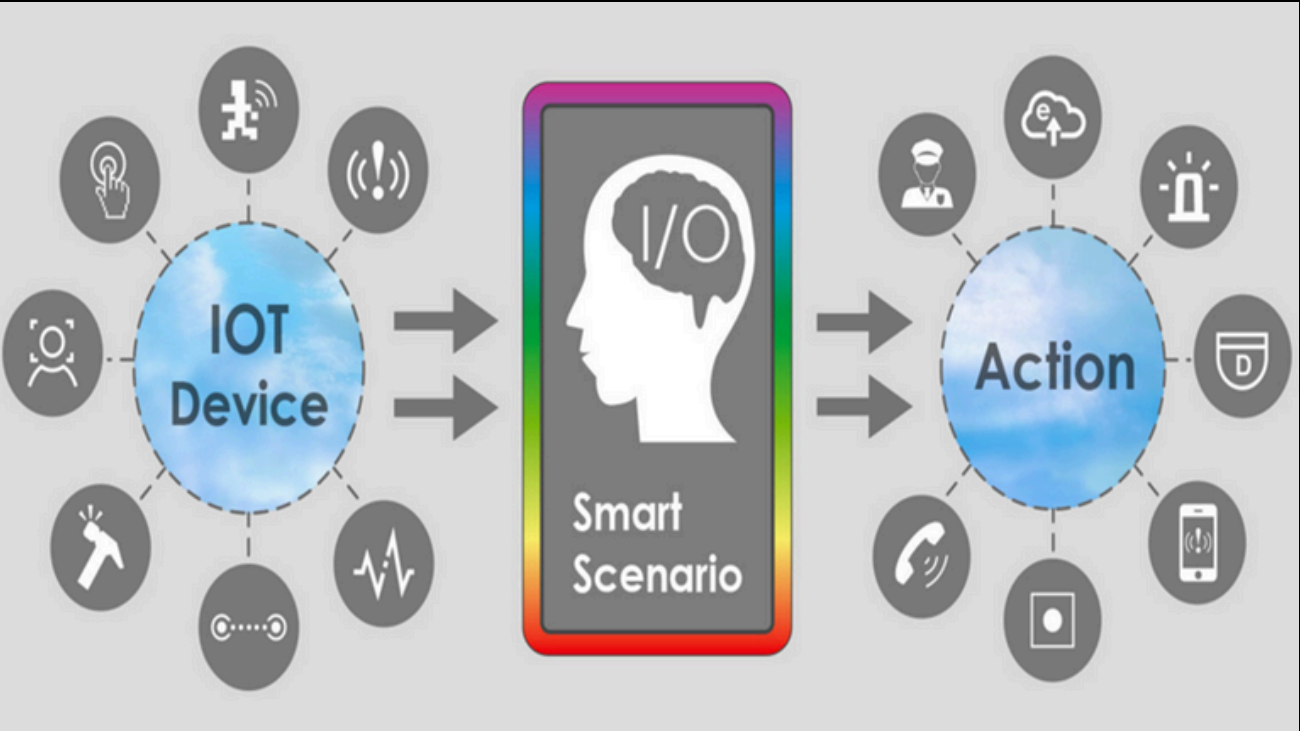


DEMO

STANDARD SERIES

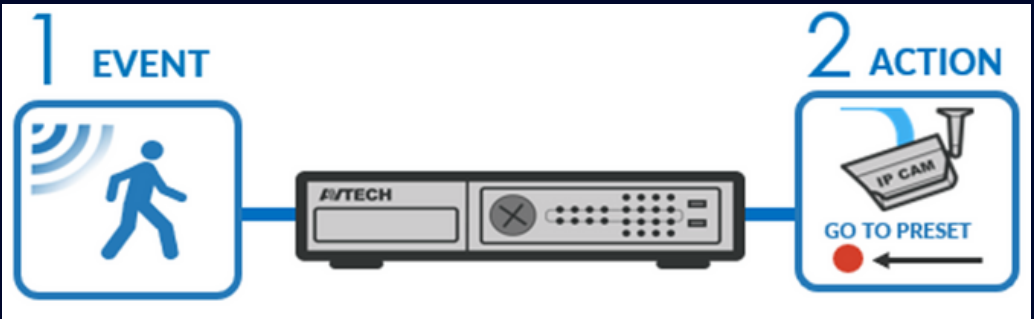
The **AVPro** line of recorders offers a great degree of customization when it comes to actions and operation of the system based on determined events set by the user achieving a device that fully adapts to the specific needs of the user

Furthermore with its advanced hardware features it offers easy integration with external systems such as alarms and audio devices



Standard
GUI DEMO

H265
COMPRESSION



AI H.265 XVR DGD SERIES

MODEL	DGD1005AIX	DGD1009AIX	DGD2017AIX	AVZ4117AIX (TBR)	AVZ4032AIX
IMAGE					
CHANNEL NUMBER	4CH	8CH	16CH	16CH	36CH (4CH IP)
AI FUNCTION	HUMAN / VEHICLE / FACE DETECTION / PERIMETER INTRUSION / FLOW COUNTING / VIRTUAL FENCE				
VIDEO OUTPUT	HDMI / VGA / Composite				
HDD STORAGE	SATA HDD x 1 (UP TO 20TB) / EXPANDABLE THROUGH eSATA		SATA HDD x 2 (UP TO 40TB) / EXPANDABLE THROUGH eSATA	SATA HDD x 4 (UP TO 80TB) / EXPANDABLE THROUGH eSATA	SATA HDD x 4 (UP TO 80TB) / EXPANDABLE THROUGH eSATA
MAX. RECORDING ANALOG / IP	5MP @ 24 IPS / 5MP @ 60 IPS	5MP @ 56 IPS / 5MP @ 120 IPS	5MP @ 96 IPS / 5MP @ 180 IPS	4K @ 120 IPS / 4K @ 192 IPS	5MP @ 192 IPS / 5MP @ 480 IPS
PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO
IP CAMERA CHANNELS	4CH	8CH	16CH	16CH	36CH
ALARM I/O	4 IN / 1 OUT				
AUDIO I/O, RS485	4 IN / 1 OUT, YES				16 IN / 2 OUT, YES

STANDARD H.265 XVR DGD SERIES

MODEL	DGD1005AX	DGD1009AX	DGD2109AV	DGD2017AX
IMAGE				
CHANNEL NUMBER	4CH	8CH	8CH	16CH
VIDEO OUTPUT	HDMI / VGA / Composite			
HDD STORAGE	SATA HDD x1 (UP TO 20TB) / EXPANDABLE THROUGH eSATA		SATA HDD x 2 (UP TO 40TB) / EXPANDABLE THROUGH eSATA	
MAX. RECORDING ANALOG / IP	5MP @ 24 IPS / 5MP @ 60 IPS	5MP @ 56 IPS / 5MP @ 120 IPS	4K @ 60 IPS / 4K @ 96 IPS	5MP @ 96 IPS / 5MP @ 180 IPS
PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO
IP CAMERA CHANNELS	4CH	8CH	8CH	16CH
ALARM I/O	4 IN / 1 OUT			
AUDIO I/O	4 IN / 1 OUT			
RS485	YES	YES	YES	YES

STANDARD H.265 XVR AVZ SERIES

MODEL	AVZ4017AX	AVZ4117AX	AVZ4032AX
IMAGE			
CHANNEL NUMBER	16CH	16CH	36CH (4CH IP)
VIDEO OUTPUT	HDMI / VGA / Composite		
HDD STORAGE	SATA HDD x 4 (UP TO 80TB)	SATA HDD x 4 (UP TO 80TB)	SATA HDD x 4 (UP TO 80TB)
MAX. RECORDING ANALOG / IP	5MP @ 96 IPS / 5MP @ 180 IPS	4K @ 120 IPS / 4K @ 192 IPS	5MP @ 192 IPS / 5MP @ 480 IPS
PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO	 PUSH VIDEO
IP CAMERA CHANNELS	16CH	16CH	36CH
ALARM I/O	4 IN / 1 OUT	4 IN / 1 OUT	4 IN / 1 OUT
AUDIO I/O	4 (BUILT-IN) + 12 (EXTERNAL) / 1 OUT	16 IN / 2 OUT	16 IN / 2 OUT
IVS	YES	YES	YES

AV-ETU



The AV-ETU line of recorders implements a fully redesigned interface for ease of use providing a plug & play experience for all AVTECH users. The ETU series allows you to avoid time-consuming setup and focus on what is truly important.

The ETU line of recorders allows you to see as many ETU devices simultaneously as needed without a CMS license. Its dedicated AVTECH desktop application lets you view all your ETU recorders from a single PC and screen becoming a suitable solution for all sizes of businesses and projects.

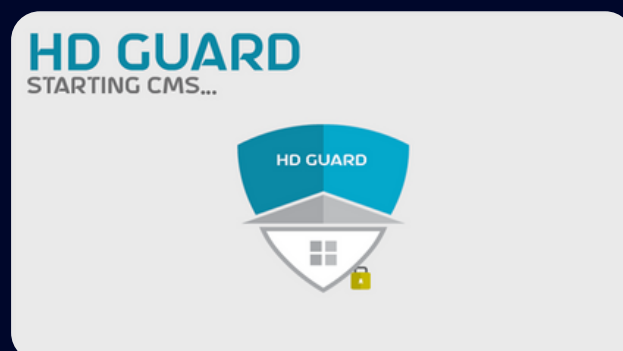
[**DEMO**](#)**H265**
COMPRESSION

AV-ETC



The AV-ETC (Easy To Customize) line of recorders implements the same easy and convenient experience as the ETU line, while it offers a neutral and customizable interface, suitable for those users looking to promote their own brands.

The ETC line of recorders also come with dedicated neutral mobile APPs and CMS for a fully independent promotion and experience.



POE SWITCH LINE

With expertise in delivering top-tier network solutions, AVTECH offers a versatile range of PoE switches designed to power and connect devices for projects of any scale

■ **FE POE LINE**

■ **GE POE LINE**

■ **MANAGED GE POE LINE**

FE PoE SWITCH LINE

MODEL	DGS4200PE	DGS8100PE	DGSF210PF	DGSF210PE	DGSO220PE
IMAGE					
PORTS	4FE+2FE(UP-LINK)	8FE(PoE)+1FE(UP-LINK)	16xFE & + 2xGE (UP-LINK) + 2xSFP	15FE & 1GE+2GE(UP-LINK)+1SFP	24FE(PoE)+2GE(UP-LINK) +2SFP
TRANSMISSION	130M(100Mbps) / 250M(10Mbps)	130M(100Mbps) / 250M(10Mbps)	130M(100Mbps) / 250M(10Mbps)	130M(100Mbps) / 250M(10Mbps)	130M(100Mbps) / 250M(10Mbps)
POE PORTS	4	8	16	16	24
PROTECTION	6KV Lightning protection 8KV electro-static protection Short-circuit protection Over-Temperature protection Surge Protection				
BANDWIDTH	1.2Gbps	1.8Gbps	11Gbps.	11Gbps.	12.8Gbps
MAC ADDRESS	2K		8K		

GE PoE SWITCH LINE

MODEL	DGS4101PGE (Outdoor Extender)	DGS4110PG	DGS8220PG	DGSF220PG	DGSO020PG	DGS8221PG (Outdoor)
IMAGE						
PORTS	4xGE + 1xGE (UP-LINK)	4GE(POE)+1GE(UP-LINK)+1SFP	8GE(PoE)+2GE(UP-LINK)+2SFP	16GE(PoE)+2GE(UP-LINK)+2SFP	24GE(PoE)+2 GE Uplink +2SFP AI Gigabit PoE Switch	8GE(PoE)+2GE(UP-LINK)+2SFP
TRANSMISSION	130M(1000Mbps)	130M(1000Mbps)	130M(1000Mbps)	130M(1000Mbps)	130M(1000Mbps)	130M(1000Mbps)
POE PORTS	4	4	8	16	24	8
PROTECTION	6KV Lightning protection 8KV electro-static protection Short-circuit protection Over-Temperature protection Surge Protection					+IP65
BANDWIDTH	10Gbps	12Gbps	24Gbps	40Gbps	56Gbps	24Gbps
MAC ADDRESS	8K					

GE L2+ MANAGED PoE SWITCH LINE

MODEL	DGS8020PGM	DGSF020PGM	DGSO040PGM
IMAGE			
PORTS	8GE + 2SFP L2 Managed PoE Switch	16GEP+2SFP, Gigabit Managed PoE Switch	24GE + 4SFP L2 Managed PoE Switch
TRANSMISSION	100M(1000Mbps)	100M(1000Mbps)	100M(1000Mbps)
POE PORTS	8	16	24
PROTECTION	6KV Lightning protection 8KV electro-static protection Short-circuit protection Over-Temperature protection Surge Protection		
BANDWIDTH	20Gbps	32Gbps	56Gbps
MAC ADDRESS	8K		

CMS

Our CMS lets you manage your AVTECH system from your PC. With three different versions available there is a suitable solution for systems of all sizes.

PC CMS for 32 / 64 / 96CH Solution

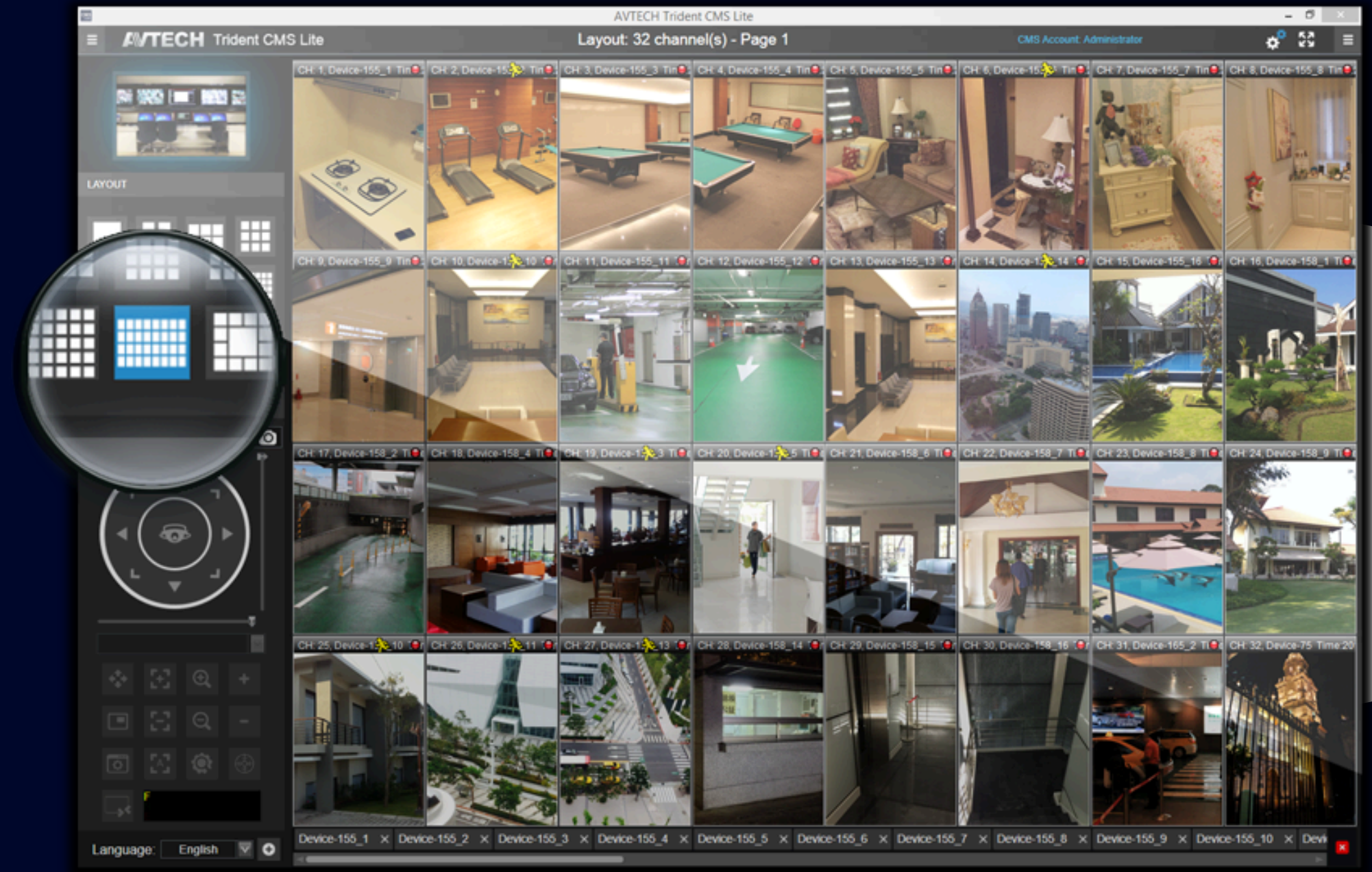


CMS PRO 4.0 / PLUS 2.0
Advanced for Better

AVTECH has released three different versions of CMS:

- **CMS PRO** (96CH solution)
High system requirements / professional functions built-in / customization supported
- **CMS PLUS** (64CH solution)
Basic system requirements / standard functions built-in
- **CMS LITE** (32CH solution)
Low system requirements / basic functions built-in

You can choose the suitable version depend on your demand.



CMS

VERSION	CMS LITE	CMS PLUS (LIVE FREE)	CMS PLUS	CMS PRO
DEVICE MANAGEMENT (IP CAMERA / RECORDER)	128	256	256	UNLIMITED
CLIENT-SERVER MODE	NO	CLIENT MODE ONLY		YES
MULTIPLE DISPLAY LAYOUT	1	4	4	8
LIVE VIEW CHANNELS	32	64	64	96
DPTZ	1X - 11X	1X - 11X	1X - 11X	1X - 11X
JOYSTICK CONTROL	YES		YES	YES
TOTAL RECORD CH	16	0	UP TO 64CH	UP TO 64CH
E-MAP	SIMPLE			YES

EAGLEEYES APP

Access your AVTECH System from the palm of your hand with your Android and iOS devices with our APP EagleEyes.



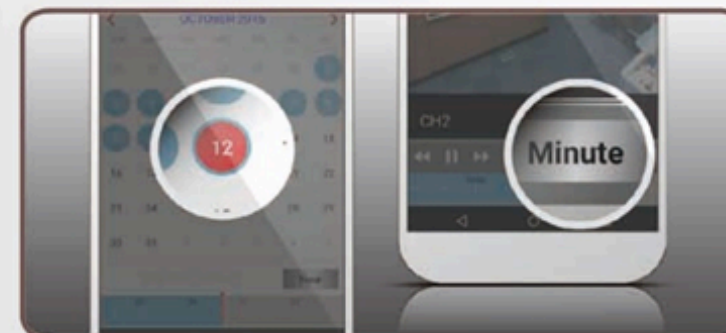
Live Record

During live view, you can manually click on the live record icon  to record what is going on, and the footage will be saved to Media.



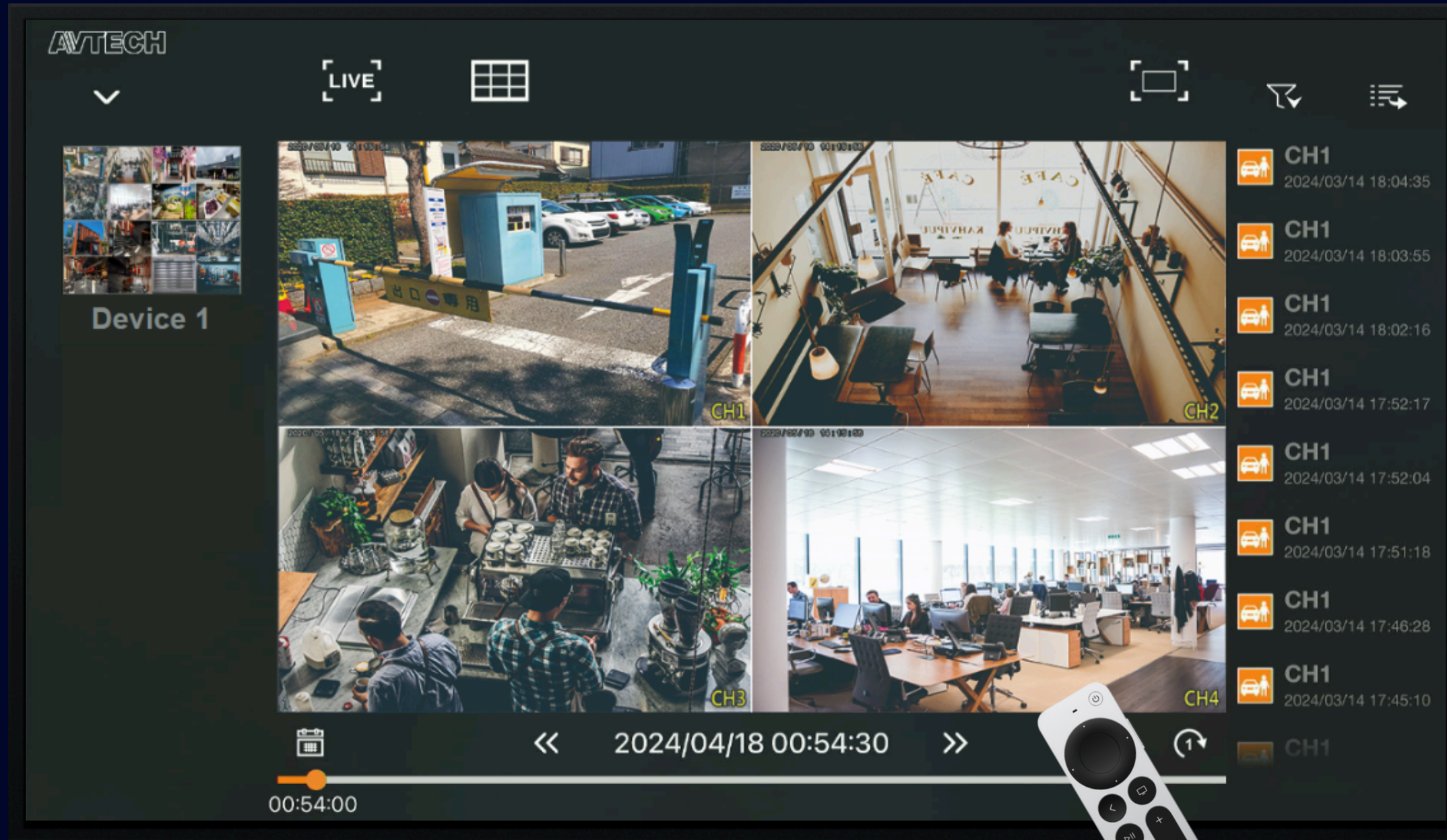
Smart Management

My Favorites allows you to add channels from different devices to one folder as a new device. It becomes easier to access all channels you want to see in one video view.



EaZy Search

Video search becomes easier via the calendar view, allowing you to quickly find the date and time you want in one graphical interface. When you find the video you need, you can further select the time range to extract and save the footage to a cloud drive or in the iPhone (Media), or send it by Email.



AVTECH+

AVTECH's newest APP for APPLE TV

- Live View & Playback
- iCloud Sync for Device Management
- AI Event Search
- XVR & NVR Support
- Cost Effective and Convenient Setup

DEMO



[Home](#)

[IP CAMERAS](#)

[NVRs](#)

[HD CAMERAS](#)

[XVRs](#)

[POE SWITCH](#)

[SOFTWARE](#)

THANK YOU!

Product Line 2024

