

DVR Series



The world's first intelligent DVR to integrate PC, mobile phones & CCTV products

IVS DVR is the world's first intelligent DVR to realise active call-out notifications to smart phones for instant remote surveillance, supporting several popular mobile phone platforms such as iPhone®, BlackBerry®, Nokia® Symbian, Windows® Mobile & Android™. Furthermore, the built-in IVS & DCCS functions make this DVR more applicable and valuable.

Camera Series

Excellent Image Quality with Best Price



The AVM Series gives you peace of mind. For applications such as service monitoring, security mechanism for a company or enterprise, intrusion alarms for small shops or office, hospital care, warehouse management etc, intrusions are reported instantaneously to your mobile communication devices. With our iPhone Push Notification application, the AVM Series delivers the video at the time of incidence directly to you. Its test-proven reliability produces near perfect trigger accuracy.

AVK Pan/Tilt/Zoom cameras are very smart. Automatically zooming in on approaching people or objects for clearer evidence recording by using the Smart Zoom feature. It can start to track and follow the object in sight with the Auto-Tracking function. Above all, you can confidently control all surveillance activities by yourself remotely.






EagleEyes Software
Available at App Store

www.avtech.com.tw/eagleeyes

www.cie-group.com/avtech



IVS DVR

	AVD748D	AVD746D	AVD744D / 744
Product Picture			
Video Input	16 Channels	8 Channels	4 Channels
Frame Record (IPS)	(120 / 100)	(60 / 50)	(30 / 25)
Field Record (IPS)	(240 / 200)	(120 / 100)	(60 / 50)
CIF Record (IPS)	(480 / 400)	(240 / 200)	(120 / 100)
Audio Input/Output	4 in / 2 out	4 in / 2 out	4 in / 1 out
HDD Storage	2	2	1
External Alarm	16 in / 1 out	8 in / 1 out	4 in / 1 out
DCCs Design	16CH	8CH	4CH
USB Backup	•	•	•
PTZ Control	•	•	•
IR Transmitter	•	•	•
DVD Writer	•	•	• / Optional
Mobile AP Support	•	•	•
CMS Support	•	•	•
Multilingual OSD	•	•	•
GUI OSD	•	•	•
Multiplex Operating	•	•	•
VGA Support	•	•	•
SATA HDD Support	•	•	•



AVTECH 'Eagle Eyes' Remote Surveillance Application;
available free at  iTunes and  Android Market.

IVS Camera

No.		Sensor	LED	Lens	S.L.C	IR Shifter	S.Z.	A.T.	Power	Heater
AVM602V		1/3" H.R. CCD	12	f 3.6 mm	V	--	--	--	DC	--
AVK511		1/3" H.R. CCD	35	f4.0-9.0	V	V	--	--	DC	--
AVK522		1/3" H.R. CCD	--	f4.0-9.0	--	Fixed	V	--	DC	--
AVK544		1/4" H.R. CCD	--	22x Zoom	--	--	--	V	DC	--
AVK563		1/3" H.R. CCD	56	f4.0-9.0	V	V	V	--	AC	--
AVK584		1/4" H.R. CCD	--	22x Zoom	--	--	--	V	AC	V

*S.L.C = Smart Light Control, S.Z. = Smart Zoom, A.T. = Auto Tracking
** Specifications are subject to change without notice.



IVS DVR



AVD748D 16CH IVS DVR (W/Full DCCS, DVD Writer)
AVC799 16CH IVS DVR



AVD746D 8CH IVS DVR (W/Full DCCS, DVD Writer)



AVD744D 4CH IVS DVR (W/Full DCCS, DVD Writer)
AVD744 4CH IVS DVR (W/Full DCCS)
AVC794 4CH IVS DVR

1

▼ Push Notification (DCCS Solution)



5-Sec Active Push Notification

When an event happens and is detected by our human detection camera, this DCCS DVR will immediately send a push notification to your iPhone which will then activate our mobile surveillance software, EagleEyes, automatically for remote access within 5 seconds.

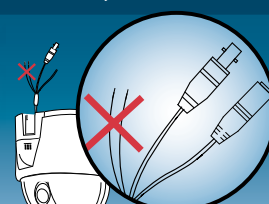
2

Are You Still Connecting RS485 Cable for PTZ Camera?

Upgrade your security system with AVTECH DCC System within 1 minute.

▼ What's DCC system?

1 Coaxial Cable for DVR Camera Communication.



DCCS DVR / Camera Communication System

In this system, control signals can be transferred by coaxial cables directly to control PTZ cameras. In other words, installation will be highly simplified to lower labor cost and working hours.

3

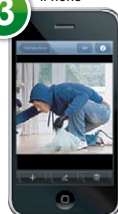
iPhone®

BlackBerry®

Nokia® Symbian

Windows® Mobile

Android™



Internet Explorer®



Mozilla® FireFox®



Google Chrome™



Mac® Safari®



Apple QuickTime®



Remote surveillance support (on different platforms)

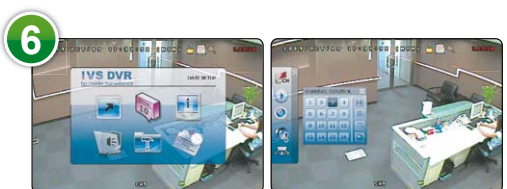
Remote access via different platforms is widely supported:

1. For mobile platforms, iPhone®, BlackBerry®, Nokia® Symbian, Windows® Mobile & Android™ are available with our self-developed and free program, EagleEyes, installed.
2. For web browsers, Internet Explorer®, Mozilla® FireFox®, Mac® Safari® and Google Chrome™ are supported.
3. Apple's media player, QuickTime®, is also one tool you can use.



Intelligent Video Analysis

A High efficiency video analysis is achievable for flow counting, virtual fence, one-way pass, and scene change with the smart & powerful video chip built in the DVR.



Easy USB mouse control with GUI on-screen display (OSD)

On the basis of easy and user-friendly experiences, the GUI OSD interface is provided and used with your USB mouse.



Free CMS software

Our self-developed and powerful Central Management System software, CMS, is provided without any charge for simultaneous control & management of 16 network devices.



Independent event-triggered recording

With AVTECH's accurate event-triggered recording for a single channel, users will not miss any important event and can have the maximized recording time. As for the other brand's DVR, its event-triggered recording accuracy is not satisfactory or even not supported, consuming a significant amount of hard disk space for event recording.



Mouse-click Hot Point

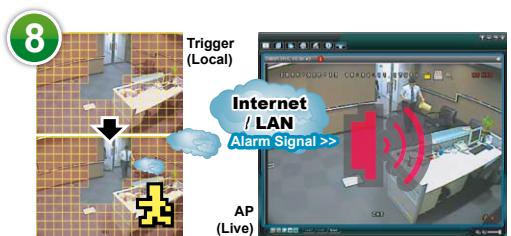
* Zoom in on the target

Lock the target area by dragging a frame with your mouse. The selected surveillance area will be zoomed in on the screen.



* Center the target

Lock the target you want by a mouse-click. The surveillance area is repositioned with the point you clicked in the center.



Remote Event Trigger Recording

When there's a motion or alarm event and Remote Event Trigger Recording is enabled, the event recording data will also be saved to the specified path on your PC at the same time.



H.264 for the best recording quality & longer recording time

The video playback quality is very similar to live image. Compared with other brand's H.264 DVR, based on the same image quality level, the recording file size is 50% smaller, and the recording time is doubled.

Impressive Features

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AVTECH



OTHER BRAND



Fluency Real-Time Video Playback

The video playback is fluent without any picture loss.

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VGA & IR Extension



VGA & IR Extension

To hide and keep your DVR safe but not obstruct DVR operation, it's recommended to use a VGA converter (VGA02A) to separate your DVR from your monitor and extend the distance between them, and also use an IR receiver extension cable (up to 150cm) to remotely control your DVR at your monitor side.

IVS Camera



AVM602V
Human Detection Camera



AVK522
Dome Camera
w/Smart zoom



AVK563
Outdoor IR Camera
w/Smart zoom



AVK511
IR Camera



AVK544
Speed Dome Camera
w/Auto tracking



AVK584
Outdoor Speed Dome Camera
w/Auto tracking

1



Smart Zoom

"Smart zoom" will automatically zoom in whenever there is a motion event for image capture.

You can zoom in / out the lens manually for intelligent surveillance with the help of "Zoom Lens Control". The zoom lens of the camera will also automatically zoom in triggered by a motion, and you can clearly see what happened.



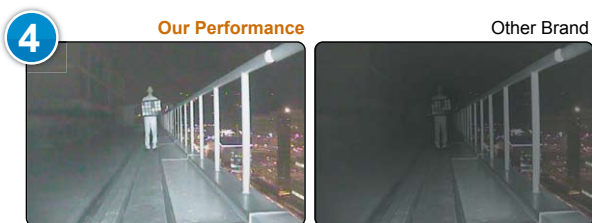
Auto Tracking

When an intruder breaks into your surveillance area, our speed dome camera will start tracking the intruder precisely with "Auto Tracking" for seamless area monitoring. The surveillance area is not fixed at a certain point in a certain zoom ratio; it's unlimited and flexible.



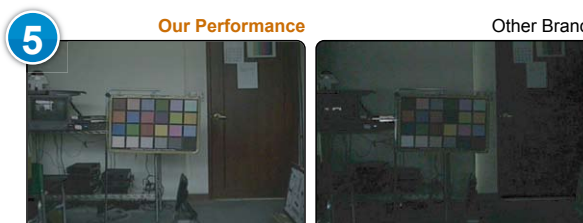
S.L.C. (Smart Light Control)

Clear and Sharp Image Without Over-exposure: Compared with normal IR cameras to use a CDS sensor only for controlling IR light, this camera series uses both "CDS" and Image Comparison" method to judge whether IR LEDs should be activated for light compensation.



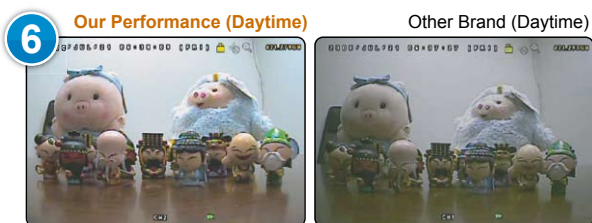
Long IR Effective Distance

This camera series provides long IR distance coverage and is able to effectively identify image clearance.



Large Aperture Lens Design

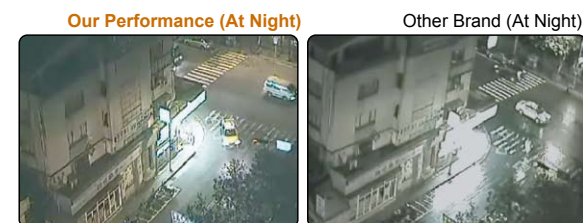
- > **Large Amount of Light Passing:** Equipped with a large aperture (F1.4) lens, the amount of light passing through the lens is more than other normal cameras to present clear and color images.
- > **Lower Power Consumption:** IR LEDs do not need to be always on for night surveillance, which reduces power consumption effectively and extends the lifetime of IR LEDs.



▼ Mechanical IR Filter

Daytime

True color is presented to receive the same visible light as human beings can see.



At Night

IR Filter is automatically shifted away to receive infrared light passing through the lens for clear and better images. Besides, the sensor sensitivity and brightness are raised up compared with normal IR cameras because of the usage of the large aperture lens.

EagleEyes for Mobile Surveillance

We support



and much more...

DVR/Camera

IP CAM

IVS DVR

IVS Camera

IVS IP CAM

EagleEyes

Comparison
of Features \ Versions

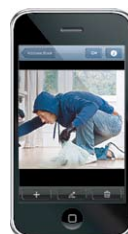


Lite

Plus

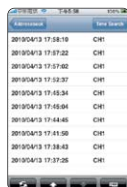
	Lite	Plus
Address Book	1	10
Download playback	N	Y
Auto playback after an event alarm is triggered	Y	Y
Time Search	N	Y
People Counting	Y	Y
Smart Zoom Control	Y	Y
IR On/Off Control	Y	Y
PTZ Auto Tracking Control	Y	Y
PTZ Preset Point Setting	Y	Y
Real Time Video Streaming	Y	Y
Real Time Audio Streaming	Y	Y
Video Quality Control	Y	Y
Auto Re-login	Y	Y
Push Notification	Y	Y
PTZ Hot Point Control	Y	Y
Touch to zoom in / out in PTZ mode	Y	Y
Double-Click to zoom max in PTZ mode	Y	Y

More details: www.avtech.com.tw/eagleeyes



5-Sec Active Push Notification

When an event happens and is detected by our human detection camera, this DCCS DVR will immediately send a push notification to your iPhone which will then activate our mobile surveillance software, EagleEyes, automatically for remote access within 5 seconds.



Event Search and Playback

Remote event search and playback are available from your iPhone, allowing you to check all important events at any time, from anywhere.



Flow Counting

In "Address Book": select the item which you want to activate the flow counting function, and touch the second button from the bottom right side to enter the month mode.

In the month mode:

Place the iPhone horizontally to display the bar chart. To enter the day mode, touch one of the dates; to enter the time mode, touch one of the time ranges.



Touch Control & Icon Use

Touch Control & Icon Use: Intuitive touch control with easy icon use to manage and control all power functions on IVS products remotely via EagleEyes.

AVTECH
Innovation for Video

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