IFSEC 2010 10 -13 May NEC Birmingham Hall 5, A30

DVR Series



The world's 1st milligent DVR to integrate PC, mobile phones & CCTV products

IVS DVR is the world's first intelligent DVR to realize active call-out notifications to smart phones for instant remote surveillance, and it supports several popular mobile phone platforms, such as iPhone, BlackBerry & WinCE, to offer instant alerts via push notifications. Furthermore, the built-in IVS & DCCS functions make this DVR more applicable and valuable.



Intelligent Video Surveillance

Camera Series

Excellent Image Quality with Best Price













AVM series gives you the peace of mind. For places like servant monitoring, security mechanism for a company or enterprise, intrusion alarms for small shops or office, hospital care, warehouse management and etc, intrusions are reported instantaneously on to your mobile communication devices. With our application of push notification, 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/Till/Zoom cameras are very smart. It automatically zooms in upon approaching humans 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 surely control all the surveillance activities by yourself remotely.

IVS DVR

	AVD748D AVD746D		AVD744D / 744		
Product Picture			LMMIT		
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			1+ DVD		
External Alarm	16 in/ 1 out	8 in/ 1 out	4 in/ 1 out		
DCCs Design	16CH	8CH	4CH		
USB Backup					
FFZ Control					
IR Transmitter					
DVD Writer	C		• / Optional		
Mobile AP Support					
CMS Support					
Multilingual OSD					
GUI OSD					
Multiplex Operating					
VGA Support					
SATA HDD Support			. "		

	AVC799	AVC794		
Product Picture		Line:		
Video Input	16 Channels	4 Channels		
Frame Record (IPS)	(120/100)	(30/25)		
Field Record (IPS)	(240/200)	(60/50)		
CIF Record (IPS)	(480/400)	(120/100)		
Audio Input/Output	4 in/ 2 out	4 in/ 1 out		
HDD Storage				
External Alarm	16 in/ 1 out	4 in/ 1 out		
DCCs Design	4CH	1CH		
USB Backup				
PTZ Control				
IR Transmitter				
DVD Writer	Optional	Optional		
Mobile AP Support				
CMS Support				
Multilingual OSD				
GULOSD		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Multiplex Operating		*/ 1/10/19		
VGA Support				
SATA HDD Support		7.0		

IVS DVR



AVD748D AVC799

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





AVD744 AVC794

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

4CH IVS DVR





5-Sec Active **Push Notification**

When an event happened and is detected by our PIR 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.



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.



Powerful mobile surveillance support

Mobile surveillance via many popular mobile platforms, such as iPhone, BlackBerry, Win mobile & Android are supported to fulfill various user demands. For iPhone, BlackBerry & Win mobile, our self-developed and free program, "EagleEyes", can be installed for surveillance; for Android, surveillance should be made via 3GPP.



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.





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

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



Free CMS Software

Our self-developed 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 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

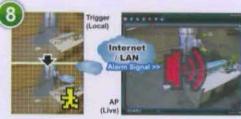
Lock the target area by dragging a frame with your mouse. The selected surveillance area will be zoomed in on the screen.





* 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 Video Quality & Long Recording Time

It is the best video recording 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.

IVS Camera

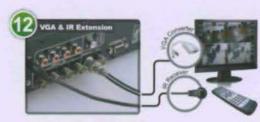
No.		Sensor	LED	Lens	S.L.C	IR Shifter	S.Z.	A.T.	Power	Heater
AVM602V		1/3" H.R. CCD	12	f 3.6 mm	v				DC	
AVK511	4	1/3" H.R. CCD	35	f4.0-9.0		٧			DC	
AVK522		1/3" H.R. CCD		f4.0-9.0		Fixed	v		DC	
AVK544	7	1/4" H.R. CCD		22x Zoom				V	DC	
AVK563	Og .	1/3" H.R. CCD	56	f4.0-9.0		V	v		AC	
AVK584	S	1/4" H.R. CCD		22x Zoom				V	AC	





The Best Video Playback Quality

The recording picture quality is very similar to live image.



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 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



Outdoor IR Camera W/Smart Zoom



AVK511 IR Camera



AVK544 Speed Dome Camera W/Auto tracking



AVK584 Outdoor Speed Dome Camera W/Auto tracking



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. You don't need to fix at a certain point in a certain zoom ratio. The surveillance is unlimited and flexible.



S.L.C. (Smart Light Control)

Clear and Sharp Image Without Over-exposure: Compared with conventional 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 (F1.2 /F1.4) lens, the amount of light passing through the lens is more than other normal cameras in the market.
- > 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

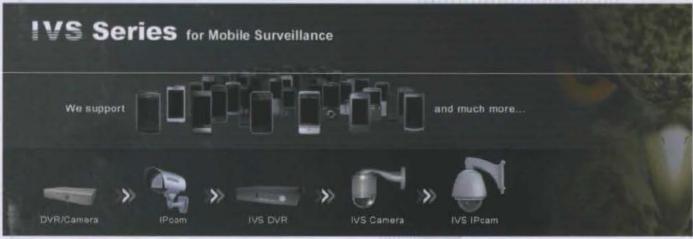
True color is presented to receive the same visible light as human beings can see.

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 traditional IR cameras because of the usage of the large aperture lens.

IV≶ Products

Intelligent Video Surveillance



	Eagle	Eyes
Comparison	500	1
of Features \ Versions	100	200
	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	٧
IR On/Off Control	Y	Y
PTZ Auto Tracking Control	Y	Υ
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 Hat Point Control	Y	Y
Touch to zoom in / out in PTZ mode	Y	Y
Double-Click to zoom max in PTZ mode	Y	٧



5-Sec Active Push Notification

When an event happened and is detected by our PIR 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

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. You don't need to fix at a certain point in a certain zoom ratio. The surveillance is unlimited and flexible.



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 month bar chart. To enter the day mode, touch one of the dates; to enter the time mode, touch one of the time ranges.





Touch Centrol & 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.



More details: www.aviech.com.tw/eagleayes







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