# IVS DVR

| Product Picture | AVD748D | AVD746D | AVD744D / 744 |
|---|---|---|---|
| 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+ DVD |
| 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 | • | • | • |

| Product Picture | AVC799 | AVC794 |
|---|---|---|
| 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 | 2 | 1 |
| 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 | • | • |
| GUI OSD | • | • |
| Multiplex Operating | • | • |
| VGA Support | • | • |
| SATA HDD Support | • | • |

# 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 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.

**2** iPhone   BlackBerry   Win mobile

### 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.

**3**

### 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.

**4** Are You Still Connecting RS485 Cable for PTZ Camera!?

### 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.

## 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.



Local  Smart Trigger Recording

## 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 | | 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 |

## 11

**The Best Video Playback Quality**

The recording picture quality is very similar to live image.

## 12

**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

**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.

< Night Time IR on S.L.C.Working >

## 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.



Our Performance     Other Brand



Our Performance     Other Brand

## 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.



Our Performance (Daytime)     Other Brand(Daytime)



Our Performance (At Night)     Other Brand (At Night)

## ▼ 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.

# IVS Products
## Intelligent Video Surveillance

# IVS Series for Mobile Surveillance

We support ... and much more...

DVR/Camera  »  IPcam  »  IVS DVR  »  IVS Camera  »  IVS IPcam

## EagleEyes

### Comparison of Features \ Versions

| | 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 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 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

Q2, 2010