

**- Mobile Surveillance –
AVTECH iPhone EagleEyes**

Date : 2010, Feb,24

Introduction of iPhone Features.

- The Support of iPhone Apple Platform.
 - iPhone OS or OS X iPhone is an operation system developed by Apple for iPhone. The System mainly used for iPhone and iPod Touch and it's actually just like a MacOS X operation system based on Darwin.
 - The structure of the iPhone divided into 4 layers as listed below:
 1. The Core OS layer
 2. The Core Services layer) ,
 3. The Media layer) ,
 4. The Cocoa Touch layer
- System Supports : Apple OS 3.0.1 or above
- Network Type : 3G, 3.5G or WiFi

1. iPhone Versions

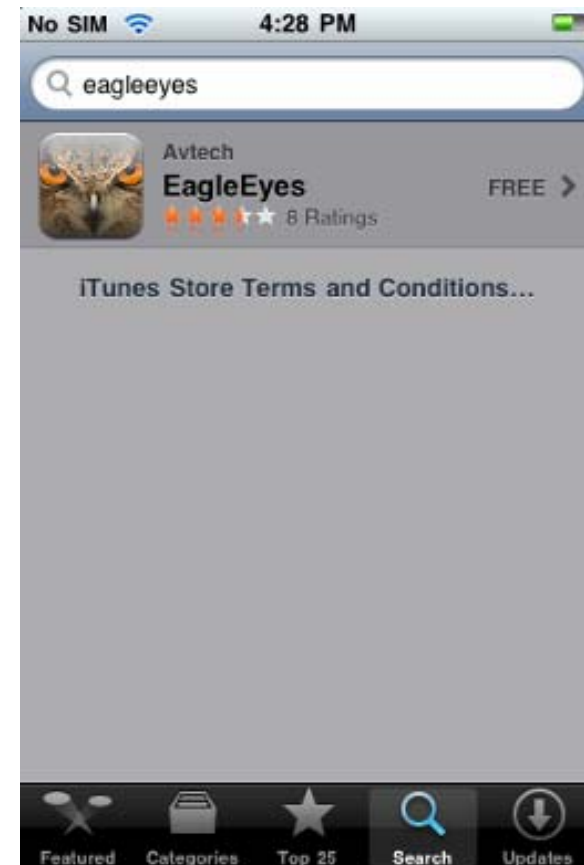
1. **I-Phone Eagle Eyes Lite :**
 - **Free download**, only supports Basic Functions.
2. **I-Phone Eagle Eyes Plus :**
 - Paid Version: one month promotion time.
 - Cost : **US\$ 4.99**
 - Supports basic features, touch and some advance features.
3. **I-Phone Eagle Eyes Pro (Professional) :**
 - Paid – one month promotion time.
 - Cost: Later.
 - Short-Term planning : Support Full features.
 - Long-Term Planning : Support additional features like: Google MAP, Download/playback,MDCMS...etc..

2. iPhone Version (2)

Feature \ Version	Lite	Plus	Pro
Address Book	1	10	100
Video Streaming	Y	Y	Y
Audio Streaming	Y	Y	Y
Video Resolution	CIF	CIF	CIF
Video Quality Control	Y	Y	Y
Auto Re-login	Y	Y	Y
Auto Connect Last Channel	Y	Y	Y
Touch to switch channel	Y	Y	Y
PTZ Hot Point	Y	Y	Y
PTZ Touch to zoom in	Y	Y	Y
PTZ Touch to zoom out	Y	Y	Y
PTZ Double Click to Zoom Max	Y	Y	Y
Push Notify	Y	Y	Y
Download playback	N	Y	Y
Auto playback after event trigger	N	Y	Y
People Counting	N	Y	Y
Google Map	N	N	Y
HA Control	N	N	Y
MDCMS	N	N	Y
Price	Free	4.99	Later

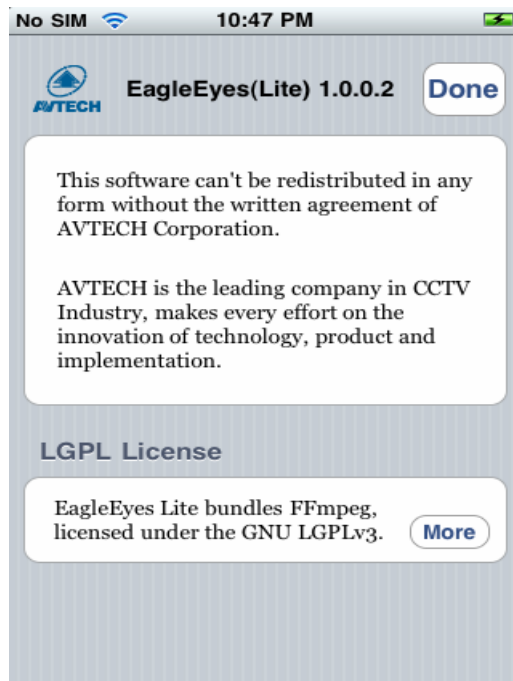
3. Download & Installation(1)

- Please register if you don't have Apple Store ID/PW.
- Log in Apple store.
- Search "EagleEyes" or Business in Categories



4. Download & Installation(2)

- EagleEye Introduction
- Installation finished, EagleEyes icon is available



EagleEyes

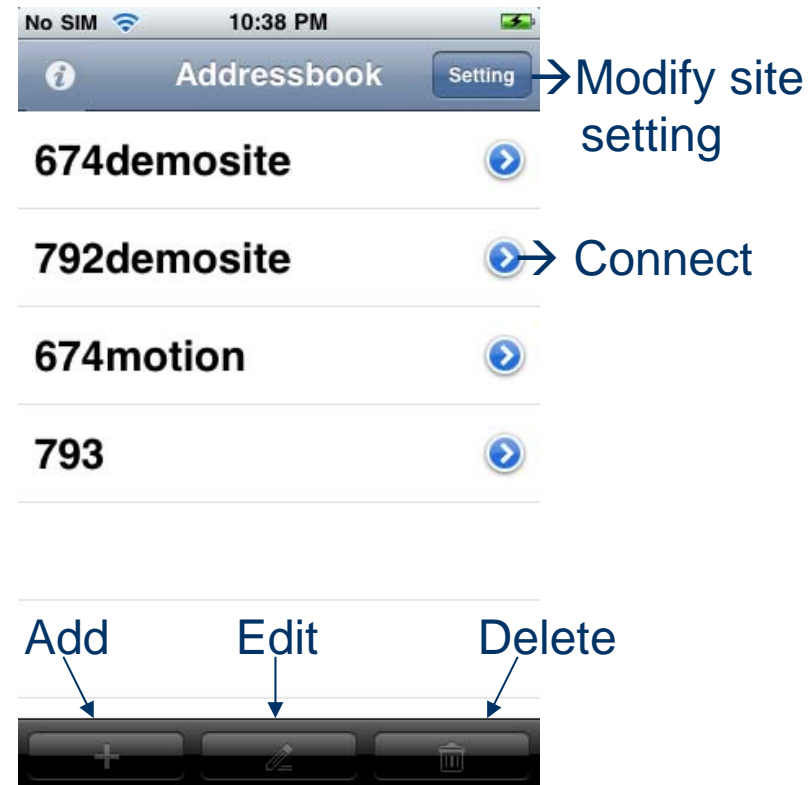
5. Download & Installation(3)

- Click to launch Eagle Eyes.
- Welcome to EagleEyes



6. Basic Functions (1)

- Address book numbers
 - Lite : 1 bookmarks
 - Plus :10 bookmarks
 - Pro : 100 bookmarks + GoogleMap
- Delete; Set up;
- Modify " site setting " info.



7. Basic Functions (2)

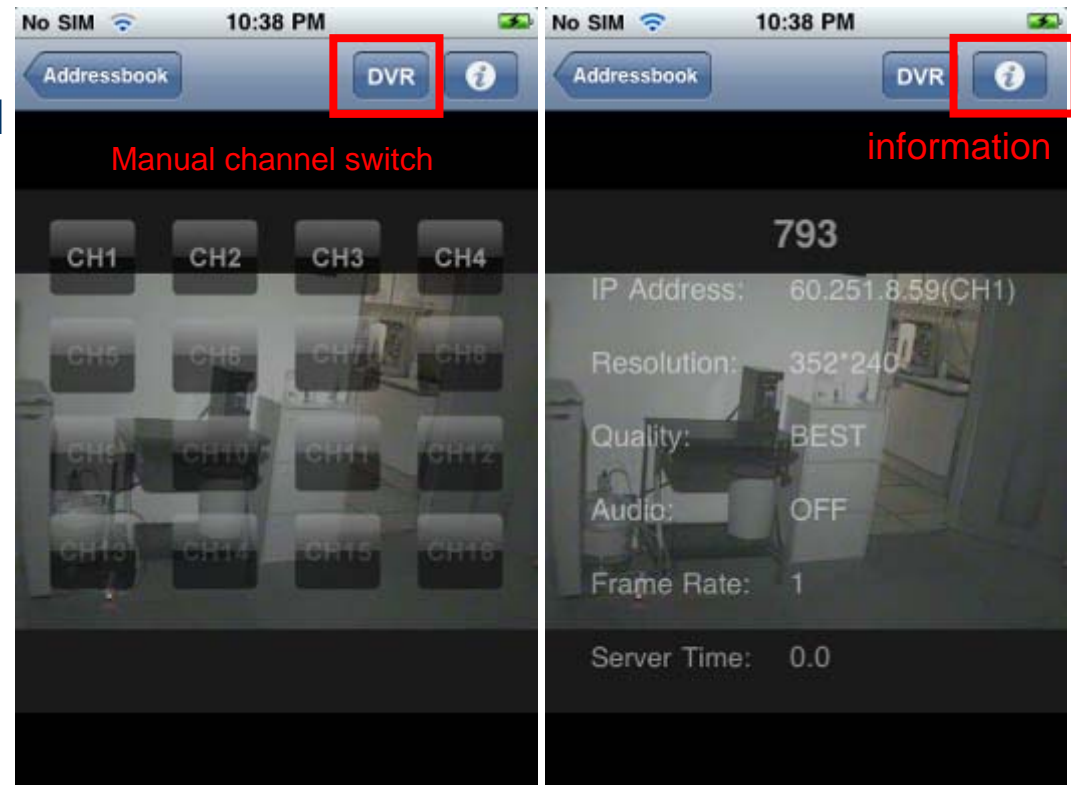
- Site Setting as below
- Presentation including :
 - Site Title
 - IP address / Port
 - User name/password
 - Audio On/Off (pro only)
 - Format : H.264/MPEG4/Default
 - Resolution : CIF/4CIF
 - Quality High /Best / Normal / Low



Required	
Title	793
IP Address	60.251.8.59
Port	102
Username	admin
Password	•••••
Optional	
Channel	1
Audio	<input type="checkbox"/> OFF
Format	H264 MPEG4 Default
Resolution	CIF 4CIF
Quality	Best 

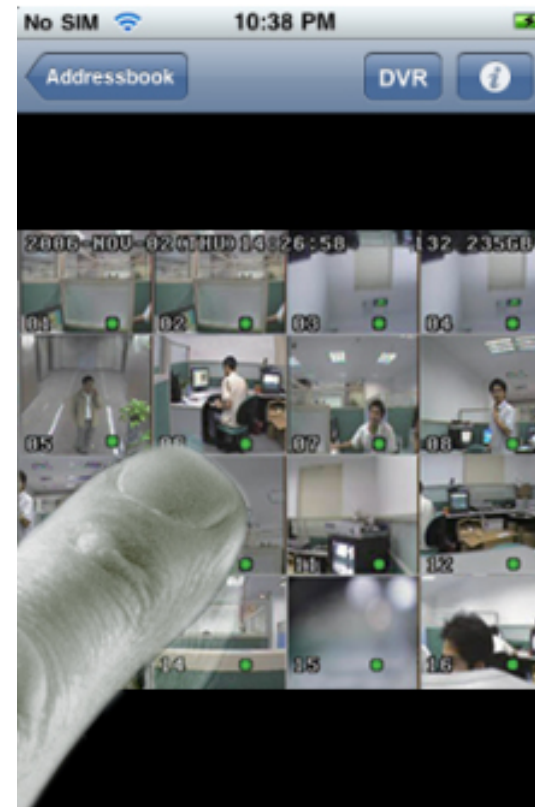
8. Basic Functions (3)

- Manual channel switch
- Channel switch modes will show when DVR option is selected .
- DVR / IPCAM information



9. Touch-Panel Functions (1)

- Touch-panel DVR switch channel
- screen will switch to single channel when DVR is selected.



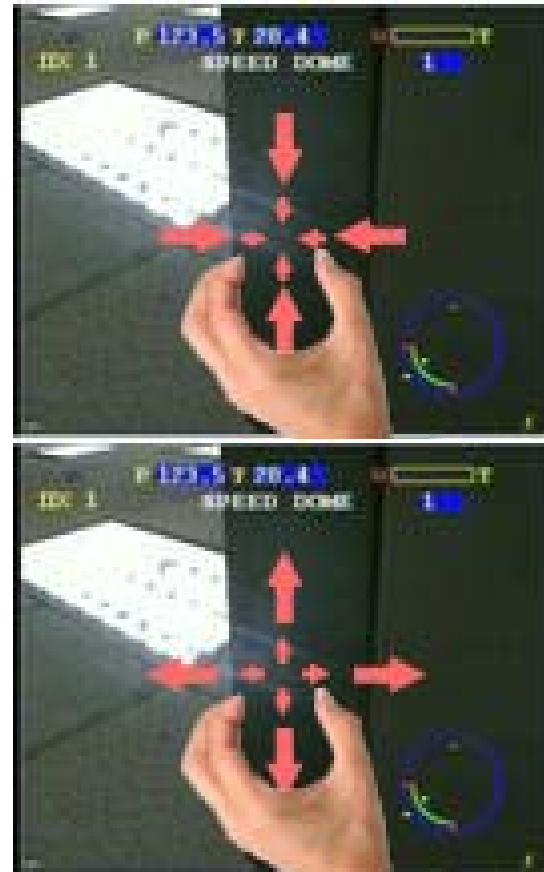
10. Touch-Panel Functions (3)

- After switch to PTZ channel.
- Control the direction of the camera through touch-panel.



11. Touch-Panel Functions (4)

- Touch-Panel PTZ Camera Control
- Direction of the camera and PTZ hot point feature can both be controlled through the touch panel



12. Touch-Panel Functions (5)

- Click to start “Hot point” function



13. Touch-Panel Functions (6)

- PTZ control mode:
Enable/Disable
- PTZ Turbo set up
(up to 10)



14. Advanced Function – Event management

3 new features will be implemented in the future:

- **Google E-Map:**
Open E-Map to see where the event is taking place
- **Download Playback:**
Auto video replay after trigger
- **MDCMS System Integration:**
Control the MDCNS system by iPhone, such as the air conditioner, doors, lights, and elevators.
When iPhone is connected to a device, the screen on iPhone will be switched to the device diagram as shown below

15. Advanced - Push Notify(1)

- Setting :
 - Push Notify Enable /Disable
 - enable push notify and Motion trigger at the same time.

The screenshot shows the 'Push Notification' settings screen on a mobile device. The status bar at the top indicates 'No SIM', signal strength, Wi-Fi, and the time '10:38 PM'. The screen has a 'Cancel' button on the top left and a 'Save' button on the top right. Below these is a 'Required' section with a table of fields:

Required	
Title	793
IP Address	60.251.8.59
Port	102
Username	admin
Password	•••••

At the bottom of the screen, there is a 'Push Notification' toggle switch, which is currently turned 'ON' and is highlighted with a red rectangular box.

16. Advanced - Push Notify(2)

- Setting :
 - After Event triggered anytime, Notification Pop-Up



17. Advanced - Push Notify(3)

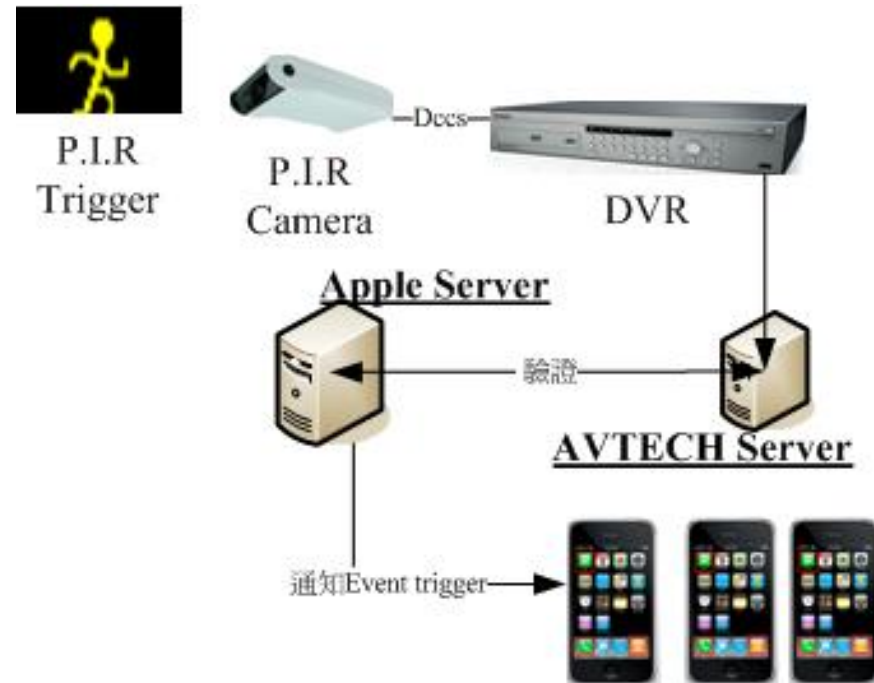
- Push Notify Alarm Sound Enable /Disable



18. Advanced - Push Notify(4)

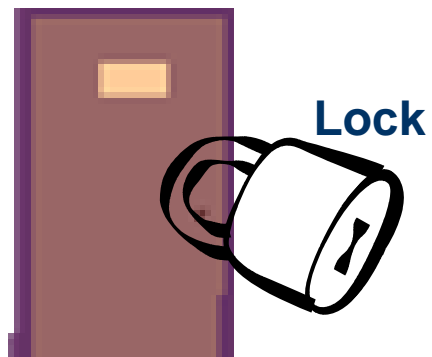
- **Flow:**

1. enable Guard
2. P.I.R event trigger
3. DVR informs AVTECH SMS server.
4. Certifying between SMS Server and Apple server.
5. Apple Server push notification to iPhone



19. Advanced – E-MAP :

- Event triggered, Click Alarm icon on the E-MAP
 - Video Clip Pop-Up
 - Lock Entry&Exit



Door Lock

