AN_How to use iPhone with Surveon VMS/SMR/NVR?

Application Notes

Version <1.1>



1 Prerequisites.

If you install VMS on the PC, and you want to test the iPhone access,

please refer to the **A. For PC-VMS server** section.

If you want to test the iPhone access on the SMR/NVR,

please refer to the **B. For SMR/NVR server** section.

A. For PC-VMS server:

i. Visit our Surveon web site to download the latest VMS version. (If you have already downloaded, you can

move to step ii)

http://www.surveon.com/support/firmware.asp

Video Management Software (VMS)

Model	Version	File size	Download	Note
VMS	2.4.7.A09	204M		Release Note*
VMS Remote Client	2.4.7.A09	85M	+	Release Note*
* Download VMS Re	lease Note.			

a. Install PC VMS version, after download, extract the zip file and go the sub folder to run **autorun.exe**, and then select **VMS Suite**.

ii. Close the Firewall of the PC-VMS server or else the iPhone app or remote Client machines won't be able to access the PC-VMS server via web server.

Control Panel + All Control Panel Items + Windows Firewall + Customize Settings
Customize settings for each type of network
You can modify the firewall settings for each type of network location that you use. What are network locations?
Home or work (private) network location settings
🕑 💿 Turn on Windows Firewall
Block all incoming connections, including those in the list of allowed programs.
I Notify me when Windows Firewall blocks a new program
🔯 💽 um off Windows Firewall (not recommended)
Public network_ocation settings
💓 💿 Turb on Windows Firewall
Black all incoming connections, including those in the list of allowed programs
Notify me when Windows Firewall blocks a new program
😥 💿 Turn off Wedows Firewall (not recommended)
Step 1: Please check the 2 radio buttons of "Turn off Windows Firewall".
Step 2: Click the "OK" button
Step 2. Circk the Outlon.
OK Cancel

Note:

If your operation system is of 64bits, please do the below steps to enable the 32-bit compatibility feature.

1. Log in the PC with Administrator ID.

- 2. Launch command line windows.
- 3. Key in following command. Then enter.

"cscript C:\\Inetpub\\AdminScripts\\adsutil.vbs SET W3SVC/AppPools/Enable32bitAppOnWin64 1"



- 4. Then 32-bit compatibility feature is enabled.
- iii. To make sure you can use IE to access the PC web server, follow below steps.

iv. Launch Internet Explorer 8 or earlier versions then input http://serverIP/webclient/ to access the PC server. Input the username and password then login.

N		
Input h	ttp://serveriP/webclient/ to access web server.	
	Surveon	Web Client
	Username	
	Password	

Note:

If the web browser is IE9 or above, please do the below steps to enable the "Compatibility View Setting".

1. Go to Tools->Compatibility View Setting.



2. Add the web server IP address.

Compatibility View Settings	×	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		hzeif55))/main/MainConsole.aspx
You can add and remove websites to be displayed Compatibility View.	ed in	x
Add this website:		m 'Surveon Technology Inc'. If you
1	Add	
Websites you've added to Compatibility View:		-09 06:31:39
192.168.88.206	Remove	
Include undeted website lists from Microsoft		
Display intranet sites in Compatibility View		
Display all websites in Compatibility View		
	Close	
Camerariyame)
Video: Resize To Fit Win 👻		
Apply All		
PTZ Control ®		
T A T		

3. After that, you will see the liveview in the web client.

v. Click a view layout on the right side. Select a camera then click "Send" button. If you can log in and see the view, that means you can access the PC web server.

Playback	CAM2320 DATE 2012/10/05 TIME: 15 13
	CAM2320 DATE 2012/10/05 TIME: 5 TE
*	DATE 2012/10/06 TIME: 5 18
- Send	
	Send 🔊

B. For SMR/NVR server:

i. Launch Internet Explorer 8 or earlier versions then input http://serverIP/webclient/ to access the SMR/NVR web server. Input the username and password then login.

http://61.218.83.93/webclient/ S(bu	ijy2a2c44mgqwapupwalf45))/Login.aspx	
Ø WebClient		
Input http	://serverIP/webclient/ to access web server.	
in particip		
	Survoon	
	Jurveon	Web Client
	Username	
	Password	
	Password	
	Language English	

ii. Click a view layout on the right side. Select a camera then click "Send" button.

If you can log in and see the view that means you can access the SMR/NVR web server.



Note:

Port Forwarding

Port forwarding is used to allow the remote client to access private LAN VMS system. So if your SMR/NVR/PC web server and iPhone are under the same local LAN area or the SMR/NVR/PC web server has public IP address, you can skip port forwarding setup. Otherwise, please follow below setting to setup the port forwarding function.

Port Forwarding setup steps

Here we use D-Link DIR-615 Router for example.

Open 2 ports on the Router.

i. Use IE to connect to the Router.

ii. Go to the Port Forwarding section of the Router.



iii. Open a Web Server Port and a Web Stream Server Port on your router.

Port	Protocol	Port Number
Web Server Port	ТСР	81
Web Stream Server Port	ТСР	8080



You may choose your

own port number for **Web Server** port. Do not use the port numbers in the below table. They are for remote VMS client usage. And better not to use the default 80 port, for it may already be used by your company website.

Port	Protocol	Port Number
Domain Message Port	UDP	9050
Domain Data Port	ТСР	9060
Login Port	ТСР	2809
Stream Port	ТСР	9090
Log Download Message Port	ТСР	15507
Log Download Data Port	ТСР	9080

Once you choose the web server port number in the Router, you need to set the same value in the **Web** Server Port in the Setup > Network Parameters > Web Server.

VMS Console		$\square \times$
Sanar	Main Tasks	
Genera List Genera Li	Maximum Video Connections 📃 Blacklist Whitelist Settings 🧕 Bandwidth Monitoring	
Network Parameters Others Domain Server	Edit NVR Control DHCP Server	
Account Manager	Once you choose the web server port number in the Router, you need to set the same value here.	
	Web Server X	
	Web Server Port	
	Web Stream Server Port 3080 Max Connection 12 (1.1024)	
	FPS 5	
	Video Guality: Medium 💌 OK Cancel	
	Video Guainy: Medium Cancel	

2 Use iPhone to monitor the live view.

- i. Use iPhone (Requires iOS 3.0 or later), launch iTunes.
- ii. Search "surveon mobile viewer".



iii. Input IP Address, Port, Username, Password, then click "Done" button.

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iPhone Client Done
Connection Settings
IP Address
61.218.83.93
Port The port number that you choose for Web Server Port in the router and the SMR/PC server.
Username
admin
Password
•••••
1.0.4

iv. Then you will see the "Camera List" via iPhone.



v. Double click the camera you want to view. Now you can use iPhone to monitor the live view.

