**CMS Mobile Viewer** 

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# **User`s Manual**



This document contains preliminary information and is subject to change without notice.

# 1. CMS MOBILE VIEWER

# 1.1 iPhone Mobile

### 1.1.1 System Requirements

• There are no other requirements to run this program because it is specialized to perform on iPhone interface.

### 1.1.2 Installation



• Turn on the iPhone then connect to App Store.



• Move to search menu and type "mviewer" then click "



• If user already has a iTunes account, then input user's account to download the program.





• When user registered the account, the program will be automatically installed.

### 1.1.3 Site Registration

• Click "Click "icon on iPhone menu then below will show.



• Move to "

Setup

" and enter site information which are same as CMS site registration.

Site Setup					Site	Setup	
Site Name	dvr1			Site Name	dvr1		
IP/Domain	192.168.10.1	71		IP/Domain	192.168.10.	171	
Admin Port	5920	Stream Port	5921	Admin Port	5920	Stream Port	5921
ID	admin	Password	••••	ID	admin	Password	••••
				dvr1			
A	dd	Dele	ete		Add	Dele	ete
Live	Search	Setup	Info	Live	<b>O</b> Search	Setup	Infe

- Enter Site Name, IP or DDNS address.
- Enter Admin/Stream port value.

Enter ID/Password.
 Click "Add", to save the setting.

### 1.1.4 Connection

		Site	Setup			DVF	R iPhon	e Viewer	ł
Si	ite Name	dvr1							
IP	P/Domain	192.168.10.	171						
A	dmin Port	5920	Stream Port	5921					
10	C	admin	Password	••••					
	dvr1								
Е									
E					Net	-Reachab	ole [3G]	IP:49.26	6.172.198
					Next	t Camera	Site N	ame :	
					c1	c2 c3	c4	c5 c6	c7 c8
		Add	Dele	ete		Conr	nect		Division
	Live	Ç Search	<b>S</b> etup	Info	Live	e Se	<b>Ö</b> earch	<b>Ö</b> Setup	Info

• On " Setup

window, click one of the registered site and click

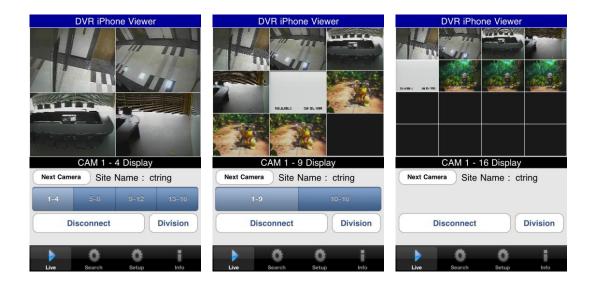
• Click "Connect" to connect the DVR to the iPhone.

		DVR	iPho	ne V	iewer			
1								
_	CA	M1 :	2011/	/2/11	09:4	8:22		
Nex	t Came	era )	Site	Name	e:c	tring		
c1	c2	c3	¢4	65	66	c7	<b>c</b> 8	
	D	iscon	nect			Divis	ion	
		1	5	1	8		:	
Liv		0	rch	e.,	tup		nfo	

- To select other channels, click the channel bar below the Site Name.
- If users wish to change the channel among 9~16, then click "



• Click "Division" to change the display mode to 4ch, 9ch and 16ch.



#### 1.1.5 Search

- Users are able to search the recorded data in the mobile CMS program.
- Click "Search" to use search function of the application.



• click "Date" for date setting.

• If users click "renew", then the month with recorded data will show up.

Date Setting	Date Setting
	2011-2
Cancel Next	Cancel Next
) 🗘 🚺	) 🗘 🚺
Live Search Setup Info	Live Search Setup Info

- Choose the month that wish to search and click "next".
- Click "renew" to select the date in the month and click "OK"
- Click "Time" to select the time of the date of the recorded data.

Day Setting		Search		
9				
10				
11				
				_
	_		Cancel	Done
		7	49	
		8	50	
Prev. Cancel Ok	오전	9	51	
	오후	10	52	
Live Search Setup Info		11	53	

- And then search the data with the playback buttons on the search menu.
- If users wish to change the search speed, then click "1x" to change the speed.

Search	
	Cancel Done
	Cancel Done
1x	Cancel Done
1x 2x	Cancer Done
	Cancel Done
2x	

• If the DVR is not connected, the search function does not work and pop up the message below.



### 1.1.6 PTZ Control

• Users are able to control PTZ with iPhone by touching the screen.

DVR iPhone V	liewer
	00:40:00
CAM1 : 2011/2/11	09:48:22
Next Camera Site Nam	e : ctring
c1 c2 c3 c4 c5	c6 c7 c8
Disconnect	Division
• 0	0 i

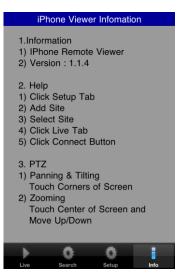
- Touch and drag upside on the center of the screen to zoom out.
- Touch and drag downside on the center of the screen to zoom in.



- Touch sides and corners of the screen to change the direction as user want.
- Touch right side of the screen to move right and left side to move left.
- Touch up side of the screen to move up and down side to move down.
- In the same way, touch any corners to change the directions.

#### 1.1.7 Information

• Click "info 아이콘" to check the information of the application.



### 1.1.8 Disconnection

• When disconnecting, please click "Disconnect" and exit the mobile viewer program.



### 1.1.9 Uninstall





icon and hold for a while until the program icon shows x mark on the top-left side.



• Click the "

Delete

icon then it will ask to delete the program.

Click "

button to successfully uninstall the program.

## 1.2 Android Phone

### 1.2.1 System Requirements

• This program is designed and applied only for Android OS (version 1.6 or higher) based smart phones.

### 1.2.2 Installation

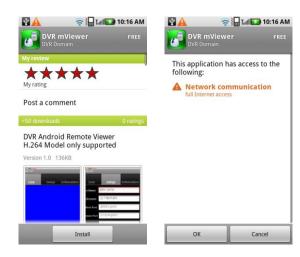


• Turn on the phone then connect to Android Market.

🛐 🛕 🛛 🛜 🏣 Tail 🔽 10:13 AM	💽 🛕 🛛 🛜 🏣 Taill 🖾 10:14 AM
Search Android Mar	mviewer Q
football	mviewer
magic	
movie	
video	
music	
qwertyu i o p	qwertyuiop
asdfghjkl.	asdfghjkl.
* z x c v b n m 🖾	* z x c v b n m 🖾
2HA1% ▲ → ↓	Ⅲ 7/A1% ∟ ←→ ↓

Move to search menu and type "mviewer" then select "

program which is offered from dvrdomain by free.







• The program will be automatically installed in user's application menu.

#### 1.2.3 Site Registration

• Click " " icon on application menu then below will show.



• Move to "Setup" tab and enter site information which are same as CMS site registration.

	🛜 🏣 Taili 🚺 10:21 AM	mViewer		<b>Bn</b> (	🖸 3:48 ам
Live	Setup Infomation				
Site Name	SITE	Live	Search	Setup	Info
IP/Domain	192.168.10.215	Site Name	Meeting	Room 21	4
Admin Port	5940	IP/Domain	192.168.	10.214	
Stream Port	5941	Admin Port	5938		
ID	admin	Stream Port	5939		
Password	••••	ID	adin		
1 2 2	4 5 6 7 8 9 0	Password	••••	_	
@ # \$	& * + - ( ) ?	Add Site	Delete Sit	e Show	SiteList
* <u>+</u> "	':;,.! 🗷				
패가	A1% ← → ↓				

• Enter Site Name, IP or DDNS address.

- Enter Admin/Stream port value.
- Enter ID/Password.

• Click "Add Site," to save the setting.

### 1.2.4 Connection



- To change the display mode, click the "Display Mode," and select among 1ch (full screen), 4ch, 9ch and 16ch multi view.
- To select other channels, click the "\_\_\_\_\_\_" icon below the Site Name.
- 16 channel multi view is available for CIF resolution.
- $\bullet$  4 channel multi view is available for H.D1 and D1 resolution.
- Only 1 channel view (full screen) is available for 720p and 1080p.

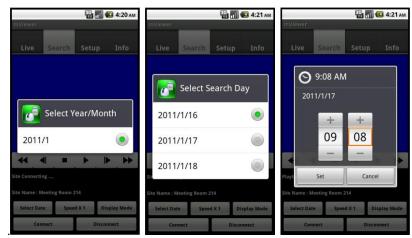
### 1.2.5 Search



- Users are able to search the recorded data in the mobile CMS program.
- Click "Connect" to use search function of the application.

• click "\_\_\_\_\_\_Select Date

" to select the month, the date and the time in order.



- Click "\_\_\_\_\_\_" to select the month, the date and the time in order.
- Users can adjust the speed of playback from x1 to x 64 or extreme.
- Please note that this function is same as the one of "Playback Control Button" in 9.5.1.
- Click "Display Mode among 1ch, 2ch and 9ch.

(The number of display channel varies according to the recording resolution of the model.)

• Click "Disconnect" to quit the search function of the application.

#### 1.2.6 Audio

• Users can hear the audio of 1 channel in live and playback mode

(NOTE) Audio out is available only in full screen mode.(1channel only)

### 1.2.7 PTZ control

- Users are able to control PTZ with Android Phone.
- Press volume up button on the right side of the phone to zoom in.
- Press volume down button on the right side of the phone to zoom out.



- Touch sides and corners of the screen to change the direction as user want.
- Touch right side of the screen to move right and left side to move left.
- Touch up side of the screen to move up and down side to move down.
- In the same way, touch any corners to change the directions.

#### 1.2.8 Information

• Click " Info ", to get more information, containing how to setup and use the application.



### 1.2.9 Disconnection

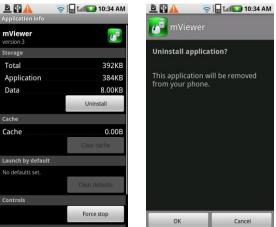


<sup>Disconnect</sup>, and exit the mobile viewer program. • When disconnecting, please click

### 1.2.10 Uninstall

• Move to Setup > Application > Manage Applications then select "





• Click "

<sup>Uninstall</sup>" icon then it will ask to delete the program.



• Click "\_\_\_\_ок

" button to successfully uninstall the program.

### 1.3 Blackberry Mobile

### 1.3.1 System Requirements

• This Program is designed and applied only for RIM Blackberry OS based Smart Phones.

### 1.3.2 Installation

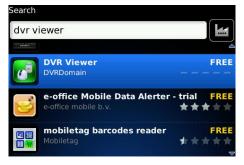
• Turn on the phone and connect to Blackberry App World.



• Click "search" icon and type "DVR Viewer" program.

Featured	ltems 2/18	
4	B	Twitter Research In Motion Limi ★★★★★ FREE Twitter® wherever you are
ħ	ß	\$

• Select the "DVR viewer" which is offered from dvrdomain by free and start to install the program by clicking the icon.



### 1.3.3 Site Registration

• After downloading the program, click " icon in the download folder or applications folder and the following screen will be shown.

<b>5:18</b>	PM	5 🛀	3G :: T.all	DVR Viewer * Empty *
$\bigotimes$	ि		?	Empty
Q				
	6		د()×	
((( <b>T</b> )))	str.		••	
	Dowr	loads		

• Click "menu>New" to type the same site information with CMS site registration.

DVR Viewer	
Site Name : IP/Domain : Admin Port : Stream Port : ID : Password : Add Cancel	
Add Cancel	

- Enter Site Name and IP/Domain.
- Enter Admin and Stream port.
- Enter ID and Password.
- Click "Add" to save the setting.

### 1.3.4 Connection

• If the site is registered appropriately, the following screen will be shown.

DVR Viewer		
dvr152		
dvr190		

• Click "Menu>Connect" to connect the site.

DVR Viewer	
123	
130	
133v8	
137L16	
Connect New	
Edit	
Delete	
About	
Switch Application Close	

• Users can select the display mode from 1, 4, 9 and 16 multi view.



- 16 channel multi view is available for CIF resolution.
- 4 channel multi view is available for H.D1 and D1 resolution.
- Only 1 channel view(full screen) is available for 720p and 1080p.
- The message as below pops up when users try to see the multi view which exceeds its resolution.



### 1.3.5 PTZ Control

- Users are able to control PTZ by blackberry phone.
- Press volume up button on the right side of the phone to zoom in.
- Press volume down button on the right side of the phone to zoom out.



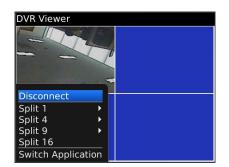
- Press 1~9 number buttons to change directions as user want.
- For example, click no. 4 to move left and no.6 to move right.
- In the same way, click no.2 to move upside and no.8 to move downside.



#### (NOTE)

As for the touch type of blackberry phone (ex. Storm), users may control PTZ in the same way as Android Phone.

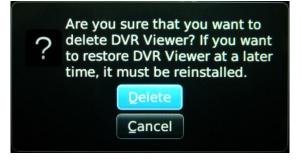
#### 1.3.6 Disconnection



• When disconnecting, please click "Disconnect" and exit the mobile viewer program.

### 1.3.7 Uninstall

• Click "Menu>Delete" on the "DVR Viewer" icon in the download folder to uninstall the program.



## 1.4 Windows Mobile

### 1.4.1 System Requirements

- OS : Windows Mobile Professional 6.1 or higher version.
- Memory : 512Kb or Higher.
- Device : Smartphone
- Network : Available all wireless networking method. I.e. Wi-fi, HSDPA, Wibro.

### 1.4.2 Installation

- Prepare ActiveSync program to user's PC.
- Available download at following link.
- http://www.microsoft.com/downloads/details.aspx?FamilyID=9e641c34-6f7f-404d-a04b-dc09f8141141&DisplayLang=en
- ActiveSync enable users manage documents, calendars, contact lists and email between their PC and mobile device through a Cradle or a USB connection.
- Connect mobile device to PC then double click "Setup\_MobileCOM.exe" to start installation.
- The following screen will appear:

MobileCMS			<b>X</b>
Pocket PC installation MobileCMS will be installed on your Pock	et PC now		
USE: Smartphone : WinCE 6.0 / WinCE 6.1			
	< Back	Next >	Cancel

• Click "Next" button.

License Agreement Please read the following lice	nse agreement carefully.	
MobileCMS program		 *
<ul> <li>I accept the terms in the lice</li> </ul>	nse agreement	-
○ I do not accept the terms in		

• Click accepting the license agreement, then click "Finish" button.

nove	program's check box if you want to install it on you the program from your device.			
-	a program that you installed is not listed, the progra Application Downloading Complete	im was not designed	to be used on your mobile of	
	Please check your mobile device screen to complete this installation.	see if additional st	eps are necessary to	
ma	complete this material off.			
Prog	complete one meanifoldin		ОК	]
pace	required for selected programs: available on device: tail program into the default installation folder	L <sub>3</sub>		

- Installation box will appear.
- Click [OK] to start installation.
- When installation completed, following pop-up will appear.
- Click [OK].
- If following message appeared, it has successfully installed.



#### (NOTE)

Depending on mobile device, successful installation message may not appear. Click [OK] when license agreement message appear.

• Move to [Programs] page to check whether CMS has installed.

Settings	🗹 🛱	'T <sub>×</sub> € ok
Remove Programs		
Programs in storage r	nemory:	
. MobileCMS		
	2.0	Remove
Total storage memory	/ available:	27842K
	THEFT	

### 1.4.3 Site Configuration

#### Add

• Click [Add] to appear following screen.

😚 mobiledlg 🛛 🖬 🏹 📢 o	ok 🌠 mobiledlg 🛛 🚮 Ÿ <sub>X</sub> ◀€ ok
Site Name IP Address/Domain Nam	
	office 192.168.10.135
4 1 1	
Connect Exit Add Edit Del	
Ok 🚟	

- Fill in correct information.
- Site Name : Insert the name of site.
- IP/Domain : Insert the IP address or Domain name of the site.
- ID : Input the registered ID of the site.
- Password : Input the password of the registered ID.
- Command Port : Insert Command Port of the site.
- Stream Port : Insert Stream Port of the site.
- Click [Save] then following screen will appear with registered site.

#### Edit

• Select a site and click [Edit] then following screen will appear.

🄧 mobiledlg	⊠ # 7 <sub>×</sub> 4€ ok	
Site Name	office	
IP/Domain	192.168.10.135	
ID	admin	
Password	****	
Command Port	5920	
Stream Port	5921	
Sav	re Cancel	
1		

• Correct items then click [Save].

### Delete

- Select a site and click [Del].
- Confirmation message will pop up.

😚 mobiledlg	ר בי ד <mark>א</mark> איי
Site Name	IP Address/Domain Name
office	192.168.10.135
	S re you sure to delete? es No
4	
Connect Ex	it Add Edit Del
Ok	

• Click [Yes] then the site information will be removed.

### 1.4.4 Connection

• Select a site then click [Connect].

nobiledlg		⊠ #	¶ <sub>x</sub> 4€	ok
Site Name	IP Addr	ess/Do	main N	lam
office	19	2,168,	10,135	
4	Ш			
Connect Exi	10.00	Add	Edit	Del
				- 01
Ok	Concept of			

- Live display screen of the site will appear if it is successfully connected.
- Users are able to select a camera by clicking camera button.
- Click [Disconnect] then, live display screen will be closed and Site list box will appear.

### 1.4.5 Uninstall

- Move to [Program Menu> System] then click [Remove Programs].
- The currently installed list will show up.

😚 Settings 🛛 🗹 🗮 🍢 🗲 💽	🌮 Settings 🛛 🗱 🏹 📢
Remove Programs	Remove Programs
Programs in storage memory:	P Remove Program
: MobileCMS	The selected program will be permanently removed. You may reload it from your desktop computer. Are you sure you want to remove it? Yes No
Remove Total storage memory available: 27842K	Remove Total storage memory available: 27842K

- Choose Mobile CMS on the list and click [Remove].
- Confirmation message will pop up.
- Click [Yes] to complete uninstall then program will be removed.