Content				
1. Brief introduction1				
1.1. Outline				
1.2. Environmental requirements1				
1.2.1. Hardware Requirements1				
1.2.2. Software Requirements1				
2. Install / Uninstall				
2.1. Server software installation2				
2.2. Server software uninstallation				
3. Server software operation6				
3.1. Device management and user management6				
3.2. Server program Settings9				
3.3. Startup services program10				
4. FAQ11				

3G Server User Manual

1. Brief introduction

1.1. Outline

The server software is a powerful remote management software for mobile devices and serve for different clients. Support remote device management and user rights management, can configure users according to the different needs to view remote mobile devices.

This software is for connecting multiple different types or models of equipment, this manual is only for the software operation introduction, please read the product manual when involves specific device feature settings.

This manual is offered to the one who is responsible for the planning, implementation and review the hardware installation of network video monitoring software. You should have the basic operation knowledge and experience of the related equipment.

1.2. Environmental requirements

1.2.1. Hardware Requirements

- > Dual-core CPU / 2.4 G
- Memory more than 4 g
- Network Card 100/1000 m

1.2.2. Software Requirements

This software can support the operation system of Windows 2000, Windows Xp, Windows Server 2003 and Win7. Before install the software in the computer please close all the using anti-virus software and firewall software, to ensure the correct program installation.

1. Install / Uninstall

2.1. Server Software Installation

Find the "DVRServerSetup. Rar "file In the disc, double click and open" DVRServerSetup. Exe "files, pop-up dialog box shown as 錯誤! 找不到參照來源。

Installer Language	×
Please select a language.	
Chinese (Simplified)	~
ОК	Cancel
Figure 2.1-1	

Click on the drop-down list to choose software installing prompt, click "ok", shown as Figure 2.1-2



Figure 2.1-2

Click "cancel" to exit, click "next" to install software, enter the page shown as Figure 2.1-3

🕖 DVRServer Setup	
Choose Install Location	5
Choose the folder in which to install DVRServer.	
Setup will install DVRServer in the following folder. To install in a dif and select another folder. Click Install to start the installation.	erent folder, click Browse
Destination Folder C:\Program Files\CMS\DVRServer\	Browse
Space required: 19.1MB Space available: 1.6GB	

Figure 2.1-3

Click "cancel" to exit, click "last" to return to the previous page, according to the prompt operation can continue to install, Successfully installed shown as Figure 2.1-4



Figure 2.1-4



2.2. Server Software Uninstallation

Choose "Uninstall.exe", shown as Figure 2.2-1



Figure 2.2-1

Choose the uninstall software prompt, Click on the drop-down list to choose software installed prompt, click "ok", shown asFigure 2.2-2

😵 DVRServer Un	install	
Uninstall DVRServer Remove DVRServer	ver from your computer.	
DVRServer will be u uninstallation.	ninstalled from the following folder. Click Uninstall to start the	
Uninstalling from:	C:\Program Files\CMS\DVRServer\	
Nullsoft Install System	v2.39	
	Uninstall	Cancel

Figure 2.2-2

Click "cancel" to exit uninstallation, click remove unloading process according to the prompt, unloading success is shown Figure 2.2-3 shows.

DVRServer Uninstall	
Uninstallation Complete	
Uninstall was completed successfully,	
Completed	
Show details	
ulisoft Install System v2,39	
< <u>B</u> ack	<u>Close</u> Cancel

Figure 2.2-3

Click the "close", the uninstall is over.

2. Server Software Operation

After install server setup, double click "DVRServer.exe" file, pop-up dialog box shown as figure 3.

Server	Settings
Start Server	Device Settings
Stop Server	Server Settings

Figure 3

3.1. Device Management and User Management

Click the "device configuration" button to enter the equipment management and user management interface, shown as figure 3.1

Add equipment group on the left side equipment group area.

Click the right mouse button in the blank area of the equipment group, click "add group" in the popup menu, pop-up add group dialog box, enter the group name, the equipment group add successfully after the confirmation, shown as Figure 3.1-1

Device Management		Vser Management
	<- Up	🔏 admin
Add Group	<-Down	22
Name:	test Cur	
	Down=>	
	Down 7	

Figure 3.1-1

Figure 3.1-1 add group on the left side

Add equipment in the equipment group.

Select a equipment group, click the right mouse button, select "add device", pop-up add equipment dialog box, shown as Figure 3.1-2

Device name: the only marking name of equipment, currently use the license plate number as the device name.

Note: if not add the corresponding license plate number in the server, the equipment unable to connect to the server, there will be "3 g dialing success", but unable to connect to the server.

Card number: fill in the mobile phone card number bound with the equipment; Card number send short message to equipment control equipment to online or offline, if equipment is not using short message online mode, the card number can be blank.

The channel number: the default is 4ch, no need to change.

Device Management	Vser Managemen
ist A	Up admin
Add Device	8
Bus number:	B123456
Card number:	123456
Maximum channel number	r: 4
í	OK Cancel
	•
	Down->

Figure 3.1-2

Add user on the right side of the user group

right click the mouse on the the blank area of the right side of the user group, select the "add user" in the pop-up menu, then pop-up add user dialog box, set user name (the longest support 15 digits) and password (the longest support 9 digits), confirm then setting success.

Device Management			User Mana;	gement
▲ test → ▲ B123456	<i></i>	Մբ	- A admin A A B123	456
Add User	<-Do	WN	8	
User Name	ю [admintest		
User Pass	word:	ioioioioix		
Confirm P	assword:	*****		
		ок	Cancel	
ų <u></u>		Up ->		
		Down->		

Figure 3.1-3

Note: you will use this user name and password when login the client, the system has a default user "admin", the password is "admin".

Add equipment in the user group

Choose a equipment group (or equipment) on the left side of the equipment group, then select one

user on the right side, click the middle "> > > >" button, the selected equipment is added to the user. Similarly, if click < < < < ", then can delete a certain equipment from the user, or delete the whole user and equipment.

Device Settings		Ę
Device Management	_	Vser Management
- 🐣 test - 🕜 A - 🔤 B123456	<- Up	 → ▲ admin → ▲ B123456
	<-Down	
	>>>>	
	~~~~	
	Down->	

Figure 3.1-4

Note: only add equipment for specific users, after the client log on, then can see the corresponding equipment. Therefore, by this way to manage a user can only see some of the specific equipment.

# 3.2. Server Program Settings

Click on the "service configuration" button, corresponding configure the port, shown as figure 2.6.

Forcibecungs			Foundatio	on Set		
Control Port	100	00	Max devic	ce number	100	0 (Table
Data Port	110	00	Device is	not online day	s 10	(Day)
Log management —			GPS fo	prwarding		
🔘 No Log File			Greed TD.			
🔘 Base Log			penalar)			
🔘 All Log						
Log file size	50	(MB)	Send IPr			
Keep the latest	10	days log		-04		
Record Path			Alarm rec	ording channe	I ———	
			√ 1	√ 2	√ 3	√ 4
				and the second sec		

Figure 3.2-1

Port configuration: control port and data port are used to set the server monitoring, these two ports must fit with the two ports set by device, otherwise the device will not be able to online.

Log management: setting whether to record the corresponding log information and how many days to keep.

The most number supported device: set the numbers of device online at the same time.

### 3.3. Startup Services Program

After configure the above two points, click on the "start service" button to running server.

3. FAQ

#### How to judge whether the server working properly?

The local inspection: enter the command prompt window, input netstat - a command, as the figure.

≤ 选定	C:\WINDOWS\syst	em32\cmd. exe		- 🗆 ×
Microsof (C)版权	t Windows XP [版本 5.1. 所有 1985-2001 Microsof	2600] t Corp.		<b>^</b>
C:\Docum	ents and Settings\zz>ne	tstat -a		
Active C	onnections			
Proto	Local Address	Foreign Address	State	
TCP	z-867b16a78f2f4:http	z-867b16a78f2f4:0	LISTENING	
TCP	z-867b16a78f2f4:epmap	z-867b16a78f2f4:0	LISTENING	
TCP	z-867b16a78f2f4:https	z-867b16a78f2f4:0	LISTENING	
TCP	z-867b16a78f2f4:micros	oft-ds z-867b16a78f2f4	4:0 LISTENING	
TCP	z-867b16a78f2f4:912	z-867b16a78f2f4:0	LISTENING	
TCP	z-867b16a78f2f4:1028	z-867b16a78f2f4:0	LISTENING	
TCP	z-867b16a78f2f4:ms-sq1	-s z-867b16a78f2f4:0	LISTENING	
TCP	z-867b16a78f2f4:2383	z-867b16a78f2f4:0	LISTENING	
TCP	z-867b16a78f2f4:7788	z-867b16a78f2f4:0	LISTENING	
TCP	z-867b16a78f2f4:8007	z-867b16a78f2f4:0	LISTENING	
TCP	z-867b16a78f2f4:8009	z-867b16a78f2f4:0	LISTENING	
TCP	z-867b16a78f2f4:8080	z-867b16a78f2f4:0	LISTENING	
TCP	z-867b16a78f2f4:10000	z-867b16a78f2f4:0	LISTENING	
TCP	z-867b16a78f2f4:33673	z-867b16a78f2f4:0	LISTENING	
TCP	z-867b16a78f2f4:1033	z-867b16a78f2f4:0	LISTENING	
TCP	z-867b16a78f2f4:ms-sq1	-m z-867b16a78f2f4:0	LISTENING	
TCP	z-867b16a78f2f4:netbio	s-ssn z-867b16a78f2f4	0 LISTENING	-

From the figure, we can see that the host port 10000 has been interception, proving that the server is open.

Public network check: after the local inspection normal, then check the public network port mapping. For example, public IP 218.242.168.157, input Telnet 218.242.168.157 10000 in the command prompt window, as shown in below figure:

🚥 C:\WINDOWS\system32\cmd. exe	- 🗆 🗙
Microsoft Windows XP [版本 5.1.2600] <c> 版权所有 1985-2001 Microsoft Corp.</c>	<b>^</b>
C:\Documents and Settings\zz>telnet 218.242.168.157 10000	

Enter, pop-up below interface:



This means that the server program has been monitoring the port 10000.

If at first you don't succeed, it will prompt cannot open to host connection.

Note: due to the data port 11000 is the UDP protocol, so can't judge the success mapping by this method.