Operating Instructions



CMS Server Please read this manual thoroughly before operating the unit, and keep it for future reference. V 1.1.3

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1. How to Use Public Cloud CMS Server

Our public cloud CMS server url is <u>http://183.233.190.23:6061/</u> you can login this url using your user name and password. Screen shot as follows:

CMS Web Management System X + Second and Sec		Tanan (
(←) → C ^a		巅 … 合	II\ 🖸 🤊 🌣 🗭 🗏
✿ 最常访问 □ 火頭寬方站点 ● 新手上路 □ 常用网址 10 东东11.11 1 天道双11			□ 移动板书签
			^ ^
	CMS Web Management System		
	User: DEMO		
	Password:		
	∀ [#] Login		

Warm prompt: if your DVR connect our public cloud server, you need to do next simple operation only and you do not need change any information in your DVR.

1.1 Add sub user

If you sell a DVR to your customer, you need add a sub user name for your customer, and allocate the DVR to your customer who had bought to the sub user name.

First:

Click User Info->Add Sub User, input sub user name and password please, screen shot as follows:

1S Web Man	agement	System				
MainMenu «	UserInfo ×					
Manage						
User Info Group Info	My Users					
Device Info	🛞 Add Sub U	Jser 📧 Delete Sub User	Add Device For Sub Us	er 🔳 Del I	Device For Sub User Y QueryDevicesList	
Setting	UserName		Crea	teTime		
Basic Setting	xjq2601		2017	-12-14 14-	14:11	
Offline Upgrade	zjq	New User		×	16:41	
🖹 Update File	test002	User Information	1		10:33	
	123				1:41	
	uytyr	Sub UserName:	test002		1:35	
	mbeltest	Password:	123456		11:58	
	companyA				13:00	
	companyB				15:08	
	customor				9:10	
	Mae				07:01	
			Save Save	Cancel		

Second:

Click Save, the the sub username will appear in the list table:

Info My Users Ip Info endo endo	or Sub User Y QueryDevicesList
up Into ice Info g UserName CreateTime	or Sub User Y QueryDevicesList
19 UserName CreateTime	
xjq2601 2017-12-14 14:04:11	
fine Upgrade zjq 2017-12-14 15:16:41	
Jpdate File 2017-12-29 10:40:33	
123 2018-01-17 14:11:41	
uytyr 2018-04-03 16:31:35	
mbeltest 2018-04-24 14:41:58	
companyA 2018-04-24 14:43:00	
companyB 2018-04-24 14:45:08	
customor 2018-04-24 14:49:10	
Mae 2018-06-14 11:07:01	

1.2 Add device for sub user

If you have bought some devices from our company, you can add Devices for your sub User.

First:

Select the row of sub user, then Click UserInfo->Add Device For Sub User, input Sub UserName and DeviceId. screen shot as follows:



Second:

Click Add, the DeviceId will be allocated to the user test002.

Warm prompt: the DeviceId is the UUID of your DVR. And you can query it in DVR. Screen shot as follows:

Record	Display	Network	System
	Ir	nfo	
	SYS Version:	201711281751	
	MCU Version:	2017112009	
	UID:	1708230012	
			ОК

1.3 Query devices list for sub user

You can query devices list for your sub user.

Select the row of sub user, then Click QueryDeviceList, and input sub user name, click query.

frame	x +name on an an an anca can
(←) → C' û	◎ 🔏 183.233.190.23:6061/pc/frame.html?UserName=DEMO&SessionId=11745#
➡ 最常访问 🛅 火狐官方站点 🛙	第手上路 📄 常用网址 🔟 京东11.11 T 天猫双11
CMS Web Mana	agement System
MainMenu «	UserInfo×
4 🗃 Manage	
🖹 User Info	My Users
Group Info	🛞 Add Sub User 🔲 Delete Sub User 🛞 Add Device For Sub User 🔲 Del Device For Sub User 📉 OuervDevicest ist
✓ Setting	liserName CreateTime
Cloud Account	vices 201 2012 2012 2012 2012 2012 2012 2012
Basic Setting	
Update File	
	Query Devicelist for sub user
	Sub UserName: test002 Query
	photo DevicesList:
	nome perceid PlateNumber 1704100001 sk00001
	comps 1704100002 sk0002
	1810920005 cz-426-00053 181009011 zz-426-00054
	Inde
	10 💌 K 4 Page 1 of 2 🕨 H Displaying 1 to 10 of 14 items

1.4 Sub user login CMS server

If the sub user name was created successfully, the sub user can login our public cloud server. Using CMS client.

Screen shot as follows:

	Login	_ = ×
Server IP	183.233.190.23	
Username	test002 👻	
Password	•••••	
	✓ Save Password	
	Sign In	

Login GUI



Main GUI

2. How to Install Yourself CMS Server

System requirement: CPU: Intel i7-3.6GHz or Higher Intel Operation System: Ubuntu 14.04.5 or Higher(64bit) Memory Size: 16g or higher Disk:2T or higher Warm Prompt:you can buy a virtual machine from AWS, The Current buylink is : https://aws.amazon.com/marketplace/b/2649367011?ref =hmpg_categories_2649367011

After getting a machine having Ubuntu server, you can login the machine using ssh or telnet remotely.

2.1 Install MySQL

sudo apt-get install mysql-server

Warm Prompt: please set password for username "root" when it note input password in install ation procedure. the password should be setted "123456".

2.2 Install apache

- 1, sudo apt-get install apache2
- 2, fix the listing port of apache to 6061 sudo vi /etc/apache2/ports.conf change 80 into 6061

```
# If you just change the port or add more ports here, you will likely
# have to change the virtualHost statement in
# /etc/apache2/sites-enabled/000-default.conf
Listen 80
<IfModule_ssl_module>
<IfModule_mod_gnutls.c>
Listen 443
</IfModule>
# vim: syntax=apache ts=4 sw=4 sts=4 sr noet
~
~
~
~
```

1. fix the default access path of apache

First:

sudo vi /etc/apache2/apache2.conf

fix the string "/var/www/" into "/home/CMSServer/WebServer" and add "AddType application/x-httpd-php .html" and delete string "Indexes" of "Options Indexes FollowSymLinks" screen shot as follows:

Second:

sudo vi /etc/apache2/sites-available/000-default.conf

- (1) fix the string "VirtualHost *:80" into "VirtualHost *:6061"
- (2) fix the string "DocumentRoot /var/www/html/" into "DocumentRoot

/home/CMSServer/WebServer"

Screen shot as follows:

```
# The ServerName directive sets the request scheme, hostname and port that
# the server uses to identify itself. This is used when creating
# redirection URLs. In the context of virtual hosts, the ServerName
# specifies what hostname must appear in the request's Host: header to
# match this virtual host. For the default virtual host (this file) this
# value is not decisive as it is used as a last resort host regardless.
# However, you must set it for any further virtual host explicitly.
#ServerName www.example.com
                         ServerAdmin webmaster@localhost
                         DocumentRoot /var/www/html
                         # Available loglevels: trace8, ..., trace1, debug, info, notice, warn,
                        # Available logievels: traces, ..., tracel, debug, info, notic
# error, crit, alert, emerg.
# It is also possible to configure the loglevel for particular
# modules, e.g.
#LogLevel info ssl:warn
                        ErrorLog ${APACHE_LOG_DIR}/error.log
CustomLog ${APACHE_LOG_DIR}/access.log combined
                        # For most configuration files from conf-available/, which are
# enabled or disabled at a global level, it is possible to
# include a line for only one particular virtual host. For example the
# following line enables the CGI configuration for this host only
# after it has been globally disabled with "a2disconf".
#Include conf-available/serve-cgi-bin.conf
 </virtualHost>
 # vim: syntax=apache ts=4 sw=4 sts=4 sr noet
```

2. reset apache sudo service apache2 restart

2.3 Install php

~ ~

- 1, sudo apt-get install php
- 2, sudo apt-get install libapache2-mod-php
- 3, sudo apt-get install php-curl
- 4, sudo apt-get install php-mysql
- 5, sudo vi /etc/php/7.*/fpm/php.ini or sudo vi /etc/php/*/apache2/php.ini
- let php support curl and mysql

add "extension=php curl.so" and "extension=php mysql.so" into php.ini Scrren shot as follows:

```
; Dynamic Extensions ;
.....................
 If you wish to have an extension loaded automatically, use the following syntax:
    extension=modulename.extension
 For example, on Windows:
    extension=msql.dll
 ... or under UNIX:
extension=msql.so
extension=php_curl.so
extension=php_mysql.so
 ... or with a path:
    extension=/path/to/extension/msql.so
, If you only provide the name of the extension, PHP will look for it in its ; default extension directory.
, Module Settings ;
[CLI Server]
; Whether the CLI web server uses ANSI color coding in its terminal output.
cli_server.color = On
```

2.4 Install ftp server

- 1, sudo apt-get install vsftpd
- 2, sudo mkdir /home/CMSServer/
- 3, sudo mkdir /home/CMSServer/ftp
- 4, sudo chmod 777 /home/CMSServer/ftp
- 5, sudo useradd -d /home/CMSServer/ftp/ -s /bin/bash 424ftp
- 6, sudo passwd 424ftp
- Set the password for "123456"
- 7, sudo vi /etc/vsftpd.conf

Add next infomationss into vsftpd.conf:

write_enable=YES local enable=YES userlist_deny=NO userlist enable=YES userlist file=/etc/allowed users listen port=5050 pasv enable=yes pasv_min_port=5051 pasv max port=5055

scrren shot as follows:

```
# Uncomment this to allow local users to log in.
local_enable=YES
# Uncomment this to enable any form of FTP write command.
write_enable=YES
userlist_deny=NO
userlist_enable=YES
userlist_file=/etc/allowed_users
listen_port=5050
pasv_enable=yes
pasv_min_port=5051
pasv_max_port=5055
# Default umask for local users is 077. You may wish to change this to 022
# if your users expect that (022 is used by most other ftpd's)
#local_umask=022
# Uncomment this to allow the anonymous FTP user to upload files. This only
# has an effect if the above global write enable is activated. Also, you w
# obviously need to create a directory writable by the FTP user.
#anon_upload_enable=YES
# Uncomment this if you want the anonymous FTP user to be able to create
# new directories.
#anon_mkdir_write_enable=YES
8, sudo touch /etc/allowed_users
     sudo vi /etc/allowed users
     Add 424 ftp into the file
424ftp
stonkam
```

```
~ ~ ~ ~ ~ ~
```

```
9, reset ftp
sudo service vsftpd restart
```

2.5 Download CMS server software

```
cd /home/CMSServer/
download file
```

sudo curl http://183.233.190.23:6061/software/424/Server/CMSServer_v3.5.9a_20200916.tar -o CMSServer v3.5.9a 20200916.tar

Warm Prompt:

--: if system noted curl is not existed, please install curl using next cmd sudo apt install curl

$\square{:}$ if <code>/home/CMSServer</code> is not exsited,you can make a dir, for example. sudo mkdir <code>/home/CMSServer</code>

then cd /home/CMSServer and download CMSServer_v3. 5. 9a_20200916. tar

in this dictory

upcompress CMSServer_v3. 5. 9a_20200916. tar

sudo tar -zxvf CMSServer v3. 5. 9a 20200916. tar

screen shot as follows:



2, all record will moved in /home/CMSServer/WebServer/Record/ if you do not save record in AS3, So please using next cmd to promote the authority of the directory. sudo chmod -R 777 /home/CMSServer/WebServer/RecordFile/

3, if your device upload record through ftp, you must fix FileMoveConfig.ini .change the FtpFlag=1, please enter /home/CMSServer/FileMove/.

Vi FileMoveConfig.txt

```
CopyFilemove.Dat Filemove FilemoveConfig.Inf Filemove.log Filemove - 譯 達.log killer
root@424Server:/home/stonkam/SecureWindows/424CMS_Server/FileMove# cat FileMoveConfig.ini
[ServerSetting]
DBUser=root
DBPassword=stonkam123
DBAddress=127.0.0.1
RecordLogFlag=1
DetailLogFlag=0
FtpFlag=1
FtpSrc=/home/stonkam/SecureWindows/ftp/
LogDir=/home/stonkam/SecureWindows/ftp/
DStDir=/home/stonkam/SecureWindows/fteXecure/FileMove
SrcDir=/home/stonkam/SecureWindows/FileSaveDir/
DStDir=/home/stonkam/SecureWindows/424CMS_Server/WebServer/RecordFile/
RecordFileThreadNumber=10
SaveNormalRecordDay=7
root@424Server:/home/stonkam/SecureWindows/424CMS_Server/FileMove#
```

四: Modify the permissions directory of the WebServer

2.6 Init MySQL db

1. login MySQL sudo mysql –h 127.0.0.1 –u root –p screen shot as follows:

joke@joke-virtual-machine:/home/CMSServer\$ mysql -h 127.0.0.1 -u root -p Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Server version: 5.7.20-0ubuntu0.16.04.1 (Ubuntu)
Copyright (c) 2000, 2017, Oracle and/or its affiliates. All rights reserved.
Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql>

Warm prompt: the password is "123456".

2. init database sk

source /home/CMSServer/sk_create.sql screen shot as follows:



2.7 Start softeware

1. run ControlServer

cd /home/CMSServer/ControlServer

source runControlServer.sh

screen shot as follows:

```
ubuntu@ip-172-31-2-11:/home/CMSServer/FileTransferServer$
ubuntu@ip-172-31-2-11:/home/CMSServer/FileTransferServer$
ubuntu@ip-172-31-2-11:/home/CMSServer/FileTransferServer$
ubuntu@ip-172-31-2-11:/home/CMSServer/FileTransferServer$
cd /home/CMSServer/ControlServer$
ubuntu@ip-172-31-2-11:/home/CMSServer/controlServer$
controlConfig.ini controlServer ControlServer$
ubuntu@ip-172-31-2-11:/home/CMSServer/controlServer$
ubuntu@ip-172-31-2-11:/home/CMSServer/controlServer$
ubuntu@ip-172-31-2-11:/home/CMSServer/controlServer$
ubuntu@ip-172-31-2-11:/home/CMSServer/controlServer$
source runControlServer.sh
ubuntu@ip-172-31-2-11:/home/CMSServer/ControlServer$
source runControlServer.sh
ubuntu@ip-172-31-2-11:/home/CMSServer/ControlServer$
ubuntu@ip-172-31-2-11:/home/CMS
```

2. run StreamServer

cd /home/CMSServer/StreamServer

source runStreamServer.sh

screen shot as follows:

ubuntu@ip-172-31-2-11:/home/CMSServer/StreamServer\$ cd /home/CMSServer/StreamServer/ ubuntu@ip-172-31-2-11:/home/CMSServer/StreamServer\$ source runStreamServer.sh ubuntu@ip-172-31-2-11:/home/CMSServer/StreamServer\$ ReInit:/home/CMSServer/StreamServer.log

3. run FileTransferServer

cd /home/CMSServer/TileTransferServer

source runFileTransferServer.sh

screen shot as follows:

ubuntu@ip-172-31-2-11:/home/CMSServer/FileTransferServer\$ ubuntu@ip-172-31-2-11:/home/CMSServer/FileTransferServer\$ cd /home/CMSServer/FileTransferServer/ ubuntu@ip-172-31-2-11:/home/CMSServer/FileTransferServer\$ ls FileTransferServer killFileTransferServers\$ n rumFileTransferServers. ubuntu@ip-172-31-2-11:/home/CMSServer/FileTransferServer\$ source runFileTransferServer.sh ubuntu@ip-172-31-2-11:/home/CMSServer/FileTransferServer\$ can not find configure,will build default config file ReInit:/home/CMSServer/FileTransferServer.log

4. run FileSaveServer

cd /home/CMSServer/FileSaveServer source runFileSaveServer.sh

5. run FileMove

cd /home/CMSServer/FileMove/

source runFileMove.sh

screen shot as follows:

ubuntu@ip-172-31-2-11:/home/CMSServer/FileMove\$ ubuntu@ip-172-31-2-11:/home/CMSServer/FileMove\$ cd /home/CMSServer/FileMove/ ubuntu@ip-172-31-2-11:/home/CMSServer/FileMove\$ ls FileMove FileMoveconfig.ini FileMove.log killFileMove.sh ubuntu@ip-172-31-2-11:/home/CMSServer/FileMove\$ source cunsileMove.sh ubuntu@ip-172-31-2-11:/home/CMSServer/FileMove\$ source cunsileMove.sf ubuntu@ip-172-31-2-11:/home/CMSServer/FileMove\$ FileMoveConfig.srcdir[/home/ftp/].dstdir[/home/CMSServer/webServer/RecordFile/] ReInit://FileMove.log

Attention 1:

If the DVR uploads record file use ftp (old DVR version that produced before 20181230 use ftp, new DVR version that produced after 20181230 use private protocol), please fix the SrcDir of FileMoveConfig.txt ,defaultly the value of SrcDir is /home/CMSServer/FileSaveDir/ This is suitable for the new DVR version) vi FileMoveConfig.txt change SrcDir into /home/CMSServer/ftp/

then sudo./killFileMove.sh, after killing FileMove, HouseDog will reset it automactly

The FileMove program will move the files of ftp dir (/home/CMSServer/ftp/) into new dir (/home/CMSServer/WebServer/RecordFile/) then you can use CMS client query and download it. For example:

CMS Client v2.2.1.0	Liv	re View 🛛 P	() Nayback	Track	lk. Manage	Settings				
	Plate No	Begin	End Ti	Status	Percent	Downl	File Siz	File Type	File Na	File Po
Search From	Test002	2018-05	2018-05	Not Dow	0%		11	motion	2018051	Media Se
Server	Test002	2018-05	2018-05	Not Dow	0%		11	motion	2018051	Media Se
Device	Test002	2018-05	2018-05	Not Dow	0%		10	motion	2018051	Media Se
Test002(1708230002)	Test002	2018-05	2018-05	Not Dow	0%		5	motion	2018051	Media Se
Start Time	Test002	2018-05	2018-05	Not Dow	0%		10	motion	2018051	Media Se
2018/ 5/16 🛛 🗸 0:00:00	Test002	2018-05	2018-05	Not Dow	0%		10	motion	2018051	Media Se
	Test002	2018-05	2018-05	Not Dow	0%		10	motion	2018051	Media Se
End Time	Test002	2018-05	2018-05	Not Dow	0%		10	motion	2018051	Media Se
2010/ 5/10	Test002	2018-05	2018-05	Not Dow	0%		10	motion	2018051	Media Se
Normal Alarm All	Test002	2018-05	2018-05	Not Dow	0%		11	motion	2018051	Media Se
	Test002	2018-05	2018-05	Not Dow	0%		11	motion	2018051	Media Se
Q	Test002	2018-05	2018-05	Not Dow	0%		10	motion	2018051	Media Se
Search	Test002	2018-05	2018-05	Not Dow	0%		11	motion	2018051	Media Se
	Test002	2018-05	2018-05	Not Dow	0%		8	motion	2018051	Media Se
	Test002	2018-05	2018-05	Not Dow	0%		11	motion	2018051	Media Se
	Test002	2018-05	2018-05	Not Dow	0%		11	motion	2018051	Media Se
	Test002	2018-05	2018-05	Not Dow	0%		11	motion	2018051	Media Se
	Test002	2018-05	2018-05	Not Dow	0%		10	motion	2018051	Media Se

Attention 2:

If you want to move the files of ftp into AWS3, you must set the information of AWS3, and change the UploadCloudType into AWS3 in web manage.

First: login your system using account admin. Default password is "123456".

If your address of CMS Server is 183.233.190.23, please input next url in browser http://183.233.190.23:6061

Click Setting->Cloud Account->EditAccount (Add Account) and input new information.

MainMenu «	Basic	Setting ×	CloudAcco	unt ×							
▲ Ganage User Info Crown Info	Clo	ud Accoun	ıt								
Device Info	(Add Accour	nt 🥒 Edit Ad	count	Destroy Acco	unt					
🔺 🔄 Setting		CloudType	3	Cloud	Host	BaseB	ucket	AccessKey		SecretKey	
Cloud Account Basic Setting	1	1		s3.ap	o-northeast-1.ama	z stg-fo	rkers-stonkam-in	t AKIAIY5G	ERJ3CFT6LG2(yunxzcox/u	5DJzOpsmf3
							Edit Device				×
							Cloud Acco	unt Infor	mation		^
							CloudTyp	e: 1			
							CloudHos	t: s3.a	ap-northeast-1.	amazonav	
							BaseBuck	et: stg-	forkers-stonka	m-integrati	
							AccessKe	y: AKI	AIY5GERJ3CF	FT6LG2Q	
							SecretKey	/: yun	xzcox/u5DJzO	psmf3/f9dł	
											•
										V Edit	X Cancel

Second: please fix the storage mode of the server.

Click Setting->BasicSetting, change the UploadCloutType into Amazon S3, then click Edit and click the button of reset CMSServer.

CMS Web Management System

Basic Setting Controllort StreamPort FileTransferPo FileSavePort VoiceTalkPort ListenDriverN SelfHittpsPort WebServerPor WebServer WebServerPor WebServerPor WebServerPor WebServ											BasicSetting ×	dAccount ×	Clou	~	Plainienu
Basic Setting Edit Basic Setting													-		Manage
Edit Basic Setting ControlPort StreamPort FileTransferPo FileSavePort VoiceTalkPort ListenDriverPc SelfHttpPort SelfHttpPort WebServerPor												sic Setting	Ba		Group Info
ControlPort StreamPort FileTransferPo FileSavePort VoiceTaikPort ListemDriverPC SelfHttpsPort WebServerPor Kent Boos2 WebServerPort: 6060 WebServerPort: 6063											atting	Edit Basic Se	1		Device Info
Basic Setting 1 9090 9091 9092 9093 9094 9095 6060 6061 6063 Media Server al Edit Basic Setting Edit Basic Setting C SelfHttpPort: 6060 6061 6063 Media Server al VebServerPort: 6060 6061 VebServerPort: 6061 VebServerPort: 6063 VebServerPort: 6061 VebServerPort: 6061 VebServerPort: 6063 VebServerPort: 6061 VebServerPort: 6061 VebServerPort: 6061 VebServerPort: 6061 VebServerPort: 6063 VebServerPort: 6061 VebServerPort:	acordSaveTy NetWor	UploadCloudT	WebServersPc	WebServerPor	elfHttpsPort	SelfHttpPort S	ListenDrive	t VoiceTalkPort	ferPc FileSavePor	FileTransfer	StreamPort	ControlPort			Setting
Edit Basic Setting Image: Constraint of the set of th	file em2	Media Server	6063	6061	062 6	6060 6	9095	9094	9093	9092	9091	9090	1		Basic Setting
				v Cancel	Edit 💥 Ca	153 V	Port: 606 erPort: 606 ersPort: 606 oudType Am veType all f card: em2	SelfHttps WebServ WebServ UploadCli RecordSa NetWork							

6. run HouseDog cd /home/CMSServer/HouseDog/ source runHouseDog.sh

2.8 Port map

If you want MDVR connect CMS Server using 3G/4G. you must make port map in your route. And 5050, 5051, 5052, 5053, 5054, 5055, 6060, 6061, 6062, 6063, 9090, 9091, 9092, 9093, 9094, 9095,8082,8083 should be routed to your pc hardware installing Ubuntu os.

2.9 How to auto run when machine reboot

-: Please create one script /etc/rc.local touch /etc/rc.local

 \square : set authority of script chmod -R 777 /etc/rc.local

 \equiv : add command in script #!/bin/sh -e sleep 2 cd /home/CMSServer/ sudo ./StartCMSServer.sh exit 0

Screen shot as follows:



2.10 How to stop CMS server

please cd /home/CMSServer sudo ./StopCMSServer.sh

2.11 How to fix password of MySQL

-, Please fix password of MySQL first:

- 1, sudo service mysql stop
 2, sudo mysqld_safe --skip-grant-tables&
 If error:
 sudo mkdir -p /var/run/mysqld
 sudo chown mysql:mysql /var/run/mysqld
 sudo mysqld_safe --skip-grant-tables&
 3, mysql -u root mysql
 mysql> UPDATE user SET password=PASSWORD('123456') WHERE user='root';
 If error:
 update user set authentication_string = PASSWORD('123456') where user='root';
 update user set plugin="mysql_native_password";
 mysql> FLUSH PRIVILEGES;
- 1) Please

cd /home/CMSServer/ControlServer Vi ControlConfig.ini Fix keys of DBUser and DBPassword.

[ServerSetting] DBUser=root DBPassword=123456 DBAddress=127.0.0.1 RecordLogFlag=1 DetailLogFlag=0 .ogDir=/home/CMSServer/ControlServer <u>MaxVerifyThreadNumber=10</u> MaxReadThreadNumber=10 MaxSendThreadNumber=10 11owFixData=0 AllowMutiAllocate=1 FactoryPassword=factory FactoryAdminPassword=FactoryAdmin <u>SaveFileBaseDir=</u>/home/CMSServer/FileSaveD SessionIdCheckFlag=0

~

2 please

cd /home/CMSServer/StreamServer,/home/CMSServer/FileTransferServer,/home/CMSServer/ FileSaveServer and do same operations.

③ please cd /home/CMSServer/

vi WebConfig.php

Fix UserName and Password, snap picture is next:

ubuntu@ip-172-31-38-197:/home/CMSServer/WebServer\$ vi WebConfig.php

```
<?php
define("DB_ADDRESS","127.0.0.1");
define("DB_USER_NAME","root");
define("DB_PASSWORD","123456");
define("DB_PORT",3306);
?>
~
~
~
```

reboot Server

 reboot Server
 first: Sudo ./StopCMSServer.sh
 Second: sleep several seconds and wait all Apps have been killed then
 sudo ./StartCMSServer.sh

3. Add User and Devices Info in Yourself CMS Server

defaultly CMS server have a user "admin", and its password is "123456". And you can add child user for "admin".

Supposing ip of CMS Server is "192.168.6.81". and you need login the web management system using web, the url is http://192.168.6.81:6061/index.php

3.1 Login server

Open the url <u>http://192.168.6.81:6061/index.php</u> using chrome browser or firefox browser, the user is "admin", password is "888888888", screen shot as follow:

用 📒	424WebServer	常用	房产	📙 html5	新闻	服务器	运行问题	<mark>]</mark> http学习	💎 宝贝回家寻子网	- Po 🧧 护理杂志 🧧 寻亲
								StonKam	Web Manager	nent System
								Us	er: <mark>admin</mark>	
								Passwo	rd: <mark>······</mark>	
									login	

3.2 Fix password of user

If you want to fix your password, you can do next. Click ModifyPassword, screen shot as follows:

MainMenu «	UserInfo × DeviceInfo × GroupInf	0×	
Center	My Users		
Device Info	Add Sub User 🔳 Delete Sub User	Add Device For Sub User Del Device For	Sub User Y QueryDevicesList
An Report	UserName	CreateTime	
	2 MySubUser	2017-12-27 09.31.08	
		Modify Password	
		modify password	
		Old Password:	This field is required.
		New Password:	
		New Password Again:	
			Modify 🛛 😂 Cancel

3.3 Group info

3.3.1 Add Group

You must create a group first, because every device belongs to a group.

First:

Please click Group Info->Add Group, and input a GroupName in the dialog, screen as follow:

MainMenu	UserInfo × GroupInfo × DeviceInfo ×	
Center User Info Group Info Device Info All Report	My Created Groups	New GroupName X Group Information GroupName:
		Add 🔀 Cancel

Second:

click add, then the GroupName will appear in the list table, screen shot as follow:

MainMenu «	GroupInfo ×	
Center Outer User Info Group Info	My Created Groups	
Device Info	GroupName	CreateTime
	1 MyGroup	2017-12-27 10:43:19

3.3.2 Delete Group

Select the row of group name that you want to delete, then click Delete Group, click Delete. Screen shot as follows:

MainMenu	« GroupInfo ×	
Center User Info Group Info	My Created Groups	
Device Info	GroupName	CreateTime
	1 MyGroup	2017-12-27 10:43:19
		Group Information GroupName: MyGroup

3.4 Device info

3.4.1 Add Device

After creating a group, you can add Device

First:

click Device->Add Device, then input PlateNumber. DeviceId, ChannelNumber, DeviceType, GroupName and so on, screen shot as follows:

MainMenu «	DeviceInfo ×			
Center User Info Group Info	My Devices	evice		
All Report	DeviceId PlateNumber G	DeviceType	IsOnline NetType	
		Device Info	rmation	
		PlateNum DeviceId: ChannelN	ber: test001 1708230012 umber: 8 •	
		DeviceTyj GroupNar	pe: DV424 ▼ me: MyGroup ▼	

Warm prompt:

(1) the Device Id is the UUID, you can find it in the DVR, please click System->info in DVR, and you can find the UUID, screen shot as follows:

Record	Display	Network	System
	Ir	nfo	
	SYS Version:	201711281751	
	MCU Version:	2017112009	
	UID:	1708230012	
			ОК

② If the type of DVR is "DV424", the ChannelNumber should be setted 8, if the type of DVR is "DV425", the channelnumber should be setted 4.

Second:

Click add, then the device information will appear in the list table, screen shot as follows:

```
← → C ① 不安全 | 192.168.6.81:6061/frame.html?UserName=admin&SessionId=93#
🗰 应用 📙 424WebServer 📙 常用 📙 房产 📙 html5 📙 新闻 📒 服务器运行问题 📒 http学习 🛷 宝贝回家寻子网 - Po
                                                                                        🧧 护理杂志 📒 寻亲
                                                                                                        ModifyPassword |The
                                                                                              welcome
CMS Management System
  MainMenu

    DeviceInfo ×

My Devices
                         🕀 Add Device 🥒 Edit Device 📼 Delete Device
     Device Info
  All Report
                           DeviceId
                                        PlateNumber GroupName
                                                                   DeviceType
                                                                                IsOnline
                                                                                             NetType
                         1 1708230012
                                                                                offline
                                         test001
                                                      MyGroup
                                                                   DV424
                                                                                             none
```

3.4.2 Delete Device

Select the row of device that you want to delete, then click Delete Device, click Delete. Screen shot as follows:

inMenu «	GroupInfo × Device	eInfo ×					
Center 🚹 User Info	My Devices						
Group Info	Add Device 🥖	Edit Device 🔳 De	elete Device				
All Report	DeviceId	PlateNumber	GroupName	DeviceType	IsOnline	NetType	
	1 1708230012	test001	MyGroup	DV424	offline	none	
				Delete Devi	ce		
				Device	Information		
				Devi	iceId: 1708	230012	
				Devi Grou	iceId: 1708 upName: MyG	230012 roup	

3.4.3 Edit Device

Select the row of Device that you want to edit, click Edit Device, and you can input new PlateNumber here, screen shot as follows:

enu	DeviceInfo ×						
er							
er Info oup Info	My Devices						
vice Info	🕀 Add Device 🥖	Edit Device 🔳 De	elete Device				
aport	DeviceId	PlateNumber	GroupName	DeviceType	IsOnline	NetType	
	1 1708230012	test001	MyGroup	DV424	offline	none	
				Device Info	ormation		
				OldPlatet	1/082300	J12	
				NewPlate	Number		

3.5 Add sub user

If you sell a DVR to your customer, you need add a sub user name for your customer, and allocate the DVR to your customer who had bought to the sub user name.

First:

Click User Info->Add Sub User, input sub user name and password please, screen shot as follows:

a Center ⓑ User Info ⓑ Group Info ⓑ Device Info) All Report 1 admin 2017-12-27 09:51:08	st
Image: Device Thrio Image: Device Thrio Image: Device Thrio Image: Device Thrio All Report Image: Device Thrio 1 admin	st
O Device Info All Report Add Sub User Call Delete Sub User Add Device For Sub User Delete Sub User Delete Sub User Add Device For Sub User Delete Sub User Delet	st
All Report UserName CreateTime 1 admin 2017-12-27 09:51:08	
1 admin 2017-12-27 09:51:08	
User Information	
Sub UserName: MySubUser	
Password: 123456	

Second:

Click Save, the the sub username will appear in the list table:

MainMenu	«	DeviceInfo ×	UserInfo ×								
4 🔄 Center		- //									
User Info		My Users									
Device Info		🕀 Add Sub	User 🔳 Dele	te Sub User	r 🕀 Add Dev	ice For Sub Us	er 🔳 Del D	evice For Sub U	lser 🍸 QueryDevi	cesList	
📄 All Report	ort	port 1	UserNa	UserName			C	CreateTime			
					1 admin				2	017-12-27 0	9:51:08
		2 MySub	Jser			2	017-12-27 1	1:48:00			

3.6 Add Device for sub user

If you have added some devices for admin, you can add Devices for your sub User.

First:

Click UserInfo, select one sub user, then click Add Device For Sub User, select the devices that you want to add, screen shot as follows:

welcom

CMS Web Management System

Manage		
🖹 User Info	My Users	
Device Info	Add Sub User 📼 Delete Sub User 🕀 Add Dev	ice For Sub User 🛛 🔲 Del Device For Sub User 🛛 Y QueryDevicesList
Setting	UserName	CreateTime
Basic Setting	admin	2018-01-23 02:24:28
Offline Upgrade	mbel	2018-01-23 02:25:16
Update File	flect	2018-05-18 06:54:16
	test	2018-06-21 06:00:39
	CompanyA	Allocate Device
		allocate device for user
		Sub UserName: flect
		select All
		✓ 111111-424-00001(1801180001)
		DEMO-OFFICE(1712060012)
		test1(1711280001)

Second:

Click Add, the DeviceId will be allocated to the user MySubUser.

3.7 Query devices list for sub user

You can query devices list for your sub user.

Click UserInfo->QueryDeviceList, and input sub user name, click query. ← → C ③ 不安全 | 192.168.6.81:6061/frame.html?UserName=admin&SessionId=94# 111 应用 🧧 424WebServer 📙 常用 📕 房产 📒 html5 📑 新闻 🔜 服务器运行问题 📒 http学习 💎 宝贝回家寻子网 - Po 📒 护理杂志 📑 寻亲 ModifyPassword |Theme: welcome **CMS Management System** MainMenu « (UserInfo × DeviceInfo × GroupInfo × Center
Center
User Info
Group Info
Device Info
All Report My Users 🕀 Add Sub User 🔳 Delete Sub User 🚯 Add Device For Sub User 🔳 Del Device For Sub User 🍸 QueryDevicesList UserName CreateTime 1 admin 2017-12-27 09:51:08 2 MySubUser 2017-12-27 11:48:00 New Dialog X Query Devicelist for sub user Sub UserName: MySubUser Query DevicesList: 1708230012 test001

3.8 Save Record of DVR

If you want to store record of DVR in S3 of AWS, please excute next step:

 You can fix the information of aws3, for example: Click Setting->Cloud Account->EditAccount (Add Account) and input new information

welcome | 🖉 ModifyPassword |Th

CMS Web Management System

lallage									
User Info	Cloud Account								
Device Info	Add Account	🖉 Edit Account 🔳	Destroy Account						
tting	CloudType	CloudHost	t BaseBucket	AccessKey	SecretKey				
Cloud Account	1 1	s3.ap-nort	theast-1.amaz sto-forkers-stonkam-i	nt AKIAIY5GERJ3CFT6LG2	(vunxzcox/u5DJzOp	smf3			
Basic Setting									
			0						
			Edit Device			X			
			Cloud Acc	ount Information					
			cloud Acc	June Information		-			
			CloudTy	pe: 1					
			CloudHr	st: 63 ap porthoast 1	200270020				
			Clouded	sc. ss.ap-normeast-i	amazonav				
			BaseBur	:ket: stg-forkers-stonka	am-integrati				
			Assast	AKIAIVECED 120	ETCL COO				
			AccessK	ey: AKIAIY5GERJ3C	FT6LG2Q				
			AccessK Secretk	ey: AKIAIY5GERJ3C	FT6LG2Q)psmf3/f9dl				
			AccessK SecretK	ey: AKIAIY5GERJ3C ey: yunxzcox/u5DJzC	FT6LG2Q)psmf3/f9dl				
			AccessK SecretK	ey: AKIAIY5GERJ3C ey: yunxzcox/u5DJzC	FT6LG2Q)psmf3/f9dl	Ţ			
			AccessK SecretK	ey: AKIAIY5GERJ3C ey: yunxzcox/u5DJzC	FT6LG2Q)psmf3/f9dl	▼			

Please fix the stotrage mode of the server.
 Click Setting->BasicSetting, change the UploadCloutType into Amazon S3, then click Edit.

MainMenu «	Clou	dAccount ×	BasicSetting >											
Manage User Info		cic Cotting												
Group Info	Da	sic setting												
Device Info	-	Eult Basic Se	Rung	-11-T	-			0.0.10.00.0.0	C-10.00-0			untrated at		
Cloud Account		ControlPort	StreamPort	FileTransferP	o FileSavePor	t VoiceTalkPort I	IstenDriver	Pc SelfHttpPort	SelfHttpsPor	t WebServerPo	WebServersPo	UploadCloud1	RecordSave	ly NetWorl
Basic Setting	1	9090	9091	9092	9093	9094 9	095	6060	6062	6061	6063	Media Server	all file	em2
						Edit Basic Settin SelfHittpPo SelfHittpsPi WebServer UploadClou RecordSav NetWorkCa	rt: 606 prt: 606 Port: 606 sPort: 606 sPort: 606 idType Ama eType all fi ind: em2	2 2 2 2 0 1 3 2 0 1 3 2 0 1 3 2 0 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2		× Carcel				
						<u>[</u>								

3 If version of DVR is earlier than 20191229 and soft hardware of dvr is common version, we need add "FtpFlag = 1" for config of FileMove,because in common version, dvr upload record file using ftp.

cd /home/CMSServer/FileMove

vi FileMoveConfig.txt
[ServerSetting]
DBUser=root
DBPassword=123457
DBAddress=127.0.0.1
RecordLogFlag=0
DetailLogFlag=0
FtpFlag=1
LogDir=/mnt/hgfs/PlatformRepository/424CMS_Server/Progect/App/FileMove
SrcDir=/home/CMSServer/FileSaveDir/
DstDir=/home/CMSServer/WebServer/RecordFile
RecordFileThreadNumber=10
~

Then cd /home/CMSServer/ reboot server Sudo ./StopCMSServer.sh Sudo ./StartCMSServer.sh

4. Let DVR Connect Yourself CMS Server

If you want to install yourssef CMS server, and supposing you have installed it successfully. you need to change the server ip of your DVR into your internet ip of your CMS server, please fix it. Screen shot as follows:

4.1 Change 3g server ip of your DVR

If your DVR connect yourself CMS server using 3g, please change 3g server ip into your real server internet ip.



NetWork->Server->Cellular. Screen shot as follows:

4.2 Change wifi server ip of your DVR

If your DVR connect yourself CMS server using wifi, please change wifi server ip into your real server internet ip.

NetWork->Server->wi-fi. Screen shot as follows:

Record	Display	Network		System
	Ser	ver		
	LAN Wi-	-Fi	Cellular	
Server IP	183.233.190.23		Port 90	090
Server 1			Off	
Server 2			Off	
Server 3			Off	
			ОК	Cancel

4.3 Change lan server ip of your DVR

If your DVR connect yourself CMS server using lan, please change lan server ip into your real server internet ip.

NetWork->Server->lan. Screen shot as follows:



5. Using CMS Client

If the UUID of DVR has been added into the CMS server and user have created. Customer can user CMS client login server and view the DVR. And CMS client can be runned in windows 7/8/10 only.

5.1 Login server

Suppose your serverIp is 192.168.6.81, and UseName/Password created in 3.2 is test/12323213.

	Login		– 🗆 ×
ServerIP:	192.168.6.81	•	
UserName:	test	•	
Password:	*******		
	Save Password		
	Sign In		

5.2 Main GUI

CMS Client v1.		Live View Playba) Đ ack Track M	anage Settings	
Q ↔		2 10 C	3		地 您使用的浏览器不受 Google 地图 JavaScript API 支持,请考虑更接浏览器。 Learn more Dismiss
🗆 L Group14 🗉 🖶 test_plat					along Ra KAS 3 tamoung Ra Terrigai Da 按道的市场。 Karala Ra Karala Ra
	4	5	6		ar
	7	8	9		Picket
	1234				- ARA
Device Information	Vehicle Alarm	Events			
Vehides PeviceID	Time	Туре	License No		Kincumber Avac
DeviceType Time	2017-11-14 10:58:08 Sys 2017-11-14 10:57:56 Sys 2017-11-14 10:57:56 Sys	tem tem operation		Stream Server ReConnect Login Server Successfully	Arakoon St Avoca Dr
Longitude	2017-11-14 10:57:56 5ys	tern		stream server Connect Fa	
	RunTime: 00:0	0:19, Online:0, Total:	1, ServerIP:192.168.6.8	31	500米 [] 使用纸款

5.3 CMS client manual

More details about using CMS client can be found in next document 424 Network Monitoring Manual_v1.1.docx.