# Mobile Surveillance User Manual for Symbian

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# 1. System Introduction

#### 1.1. Overview

Main functions:

- Real time video viewing from Mobile device
- PTZ control for device with PTZ function

#### 1.2. Operating Environment

- Support mobile operation system for Symbian 3.0 or Symbian 5.0
- Enable the Sub Stream on the linked device
- H264 compression

# 2. Operation Instruction

#### 2.1. Install / Uninstall

## 2.1.1. Install

#### Note:

VS500 (Symbian) V1.01.0.sisx, there are 3 S60 OpenC database in the install package, please click continue when installation, will take half a minute for whole installation.

- Download the mobile phone synchronization software (e.g.:N85 Nokia\_PC\_Suite\_7\_1\_26\_0\_chi\_sc\_web.exe) 。
- Before installation please set the mobile phone:
   Select: Menu→Settings→Applications→App.manager:
   Set"Software installation" is "All"; "Online certificate check" is "Off"
- 3) Download the VS500(Symbian)V1.01.0.sisx to computer or connect mobile phone via data cable. Double-click the program, follow the installation wizard to complete installation

Note: You can also copy the file to the phone to complete the installation

#### 2.1.2. Uninstall

Select: Menu→Installations→App.mgr.→Installed apps.→VS500, Select "Uninstall"

#### 3. DVR Setting

Set up the encoding system to accommodate mobile phone surveillance. (The mobile phone's streaming quality is proportional to network quality).

Setup can be completed by WEB log-in or DVR setup. The following instruction is for DVR setup.

Note: To ensure that mobile viewer won't affect the video quality of your DVR, only sub stream is used by the mobile phone.

## 3.1. Code setup

0

Config				
🖉 Control Panel 🛛 🦂	Encode Setting			
System Info	Channel	Channel 01	Channel Name	Channel 01
Version Into     V	Encode Format	H264 <b>•</b>	Sub Stream	Sub Stream
🖃 🔊 System Setting	Enable	🔽 Video 🧧 Audio	Enable	F Video F Audio
Common Setting	Image Size	CIF	Image Size	QCIF
Video-out Config	Frame Rate(FPS)	25 🔹	Frame Rate(FPS)	16
Record Setting	Bit Rate Control	Limit Bit Rate	Bit Rate Control	Limit Bit Rate
Snapshot Setting Serial Port Setting Mail Setting ONS Setting ODNS Setting ODNS Setting ODNS Setting ODNS Setting ODNS Setting ODNS Setting ODNS Setting ODNS Setting	Bit Rate Value Commend Bit Rate I Frame Span(100ms) Image Color	1024 ▼ 192~1024Kbps 20 1~100 Setting	Bit Rate Value Commend Bit Rate I Frame Span(100ms)	96 48~256Kbps 20 1~100
PTZ Setting	Splice			
Config/Default	Region Splice	Never	Setting	
Megaeyes	✓ Time Title	Setting	🔽 Channel Title	Setting
Alarm Input     Video Detect     Alarm Out     Alarm Out     Exception Deal	Сору		Save	Refresh
< <u> </u>				

EncodeSetting Interface

- 1、 Select Sub stream
- 2、 Setting as :

Resolution: CIF / QCIF; Frame Rate (Fps): CIF: 5-8 fps; QCIF: 8-16 fps Bit Rate Type: CBR Bit Rate: 64-256Kb/S

**Note:** The performance of your mobile phone and your network status can directly affect the quality of your video. Reducing the Sub-Stream Frame Rate can greatly improve on your video quality.

3.2. User Account

Config		×		
Encode Setting	User Account 🗙			
🖉 Video-out Config 🦷	_U			
- 🌮 Video-out Mode	User Name 1 Repeat	1		
- 🤣 Record Setting	Password *****	Add User		
🌮 🌮 Snapshot Setting	Validate ******			
C Serial Port Setting	Validate	Modify User		
🖻 🌮 Net Setting 👘 👘	Group Jadmin 🔽			
🤣 Mail Setting	Memo	Delete User		
💞 DNS Setting	Privilege List			
DDNS Setting		Modify Password		
UPNP Setting		modily Password		
PPPoE Setting	Record 🔼			
C INTP Setting	Record Backup			
PT7 Setting	Hardisk Management			
Confin/Default	PTZ Platform Control			
	User account	Add Group		
Megaeves =	Add Group Add Group			
- (I) Alarm Function	Alarm I/O Config			
🖉 Alarm Input	Query Log Info			
🧭 💞 Video Detect	Clear Log			
- 🌮 Alarm Out	System Update	Delete Group		
C Exception Deal	Automatic Maintenance			
Advance Option	General 📃			
🥙 Multi Views And Tour	Encode	1		
🥙 Disk Manage	Schedule 🗸	Refresh		
🥙 Upgrade				
Record Control				
Ser Account	Save Cancel			
< >				

User Account Interface

- 1. Set LoginUser is"Repeat"
- 2、 Set PTZ is enable

#### 4. Software Operation

#### 4.1. Login

Select: Menu  $\rightarrow$  Installations  $\rightarrow$ VS500 to run the program, then login.

<b>VS500</b> 1.03.1		
Device IP:	0.0.0.0	
Device Port:	34567	
User name:	admin	
Password:	*****	
Login	N Abc	Exit



Input device IP, port number, user name and password, click Login. After successful login, enter the video selection interface. System will record the last logged IP and other information, easy for login next time

#### Problems may occurred

- 5. Please check input information is correct
- 6. Please check the network connection
- 7. The equipment is running properly

# 4.2 Video Browsing



Video channel

Return: back to system interface, close all the video channel Exit: exit the system

## Open the video channel

Click the video channel by direction key or touch screen Open the video channel and into the system interface

## 4.3 Video Channel



Video

#### Button

Login: Switch to Login

Video: Switch to Video channel

FullScreen: Switch to full screen when video browsing

Exit: Exit program

#### **PTZ Control:**

Click

up / down" and "left / right" switch in both directions,

left and right button for command operation

Up/Down

Click + Zoom - "Zoom in / out" and "iris + / - ", "Focus + / -" left and

right button for command operation

#### **Full screen instructions**

Click the video window or click the full screen button to switch to full-screen interface,

click the video window again to return

In full screen mode, the arrow keys can control PTZ

# 4.4 Exit

Press the Exit key to exit the system  $_{\circ}$