# Mobile Surveillance User Manual for BlackBerry

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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 BlackBerry 4.6
- Enable the Sub Stream on the linked device, and support RTSP
- H264 compression

## 2. Operation Instruction

# 2.1. Install / Uninstall

## 2.1.1. Install

Please refer to the mobile phone device User Manual , use synchronization software, and install to your computer

## 2.1.2. Uninstall



Select: Menu→VS500 select "Delete"。

## 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

Config				X	
🛛 🖉 Version Info	Encode Setting				
- 2 Disk Info	Channel	Channel 01 🗾	Channel Name	test222	
System Setting     Common Setting	Encode Format	H264 💌	Sub Stream	Sub Stream	
Encode Setting	Enable	🔽 Video 🧧 Audio	Enable	□ Video □ Audio	
Video-out Config	Image Size	CIF	Image Size	QCIF	
C Record Setting	Frame Rate(FPS)	25 💌	Frame Rate(FPS)	16 💌	
V Snapshot Setting	Bit Rate Control	Limit Bit Rate	Bit Rate Control	Limit Bit Rate	
Net Setting     Mail Setting     Mail Setting     ONS Setting     ODNS Setting     ODNS Setting     ODNS Setting     OPPoE Setting     OPFOE Setting     OPT Setting     OPT Setting     OPT Setting     OPT Setting     OPT Setting     OPT 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 <b>•</b> 48~256Kbps 20 1~100	
	Splice				
Megaeyes	Region Splice	Watch	Setting		
Alarm Input	✓ Time Title	Setting	🔽 Channel Title	Setting	
<ul> <li>✓ Alarm Out</li> <li>✓ Exception Deal</li> <li>□ </li> <li>Advance Option</li> <li>✓ Multi Views And Tour </li> </ul>	Сору		Save	Refresh	
< >					

EncodeSetting Interface

- 1、 Select Sub stream
- 2 Setting as :

0

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



User Account Interface

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

#### 4. Software Operation

## 4.1. Network Setting



Network Setting

Select: Menu→Manage Connections Please refer to the mobile phone user manual or contact your network operator.

## 4.2. Login



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

VS500 1.00.0	
Device IP Device port User name Password Network	: <b>1</b> 92.168.1.134 : 34568 : admin : ****** : Other
Log	in 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**

- Please check input information is correct
- Please check the network connection
- The equipment is running properly

## 4.3. Video Browsing

VS5	VS500 1.00.0			
	Device			
0	Channel 01			
0	Channel 02			
0	Channel 03			
0	Channel 04			
0	Channel 05			
9	Channel 06			
0	Channel 07			
09	Channel 08			
	Back	Exit		

Return: Back to system interface, close all the video channel

Exit: exit the system

## Open the video channel

Click the video channel

Open the video channel and into the system interface

## 4.4. Video Channel



Video

#### **Button**

Video: Switch to Video channel

FullScreen: Switch to full screen when video browsing

Set: Setting Video Information

Exit: Exit program

## **PTZ Control:**



Up/Down up / down" and "left / right" switch in both directions, left and right button for command operation



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

## 4.5. Set

Seting video sorce

#### Set:

RTSP port: equal with the device, default is 554

Stream Type: Setting the stream type

Set	
RTSP Port:554	
Stream Type:	Extra Stream
ОК	Cancel

Setting

## 4.6. Exit

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