

## WARNING : FOLLOW THE MANUAL STEP BY STEP TO AVOID MISTAKE

### STEP 1 : YOUR HANDPHONE

The very first thing you need to confirm is the handphone you use to receive PICTURES from CCTV. Make sure it able to receive MMS Pictures!

You can use any Telcos (Singtel, Stahub and M1) to receive MMS. To confirm your handphone able to receive MMS, try to test send MMS to yourself, by snapping any picture using your phone camera and send out to your own number. Do you receive the MMS Picture shortly?

If you doesn't receive anything or the MMS message stuck in your OUTBOX for very long time, means either your phone's setting not correctly configured to send/receive MMS or your PLAN doesn't have MMS activated. You need to call your Telco's customer service for help.

If other person sends you MMS, and instead of receiving full picture in your handphone, you receive SMS asking you to download the pictures from the internet, it's also a sign that your handpone can't receive MMS.

**Don't continue to next step if you haven't get this step right.....make sure handphone able to receive full image instead of internet link!**

### STEP 2 : STARHUB SIM CARD FOR CCTV

Currently this CCTV set to be used with STARHUB lines, either Prepaid or Postpaid. The reason being, because Starhub's MMS settings less hassle compared to Singtel or M1. We will update you in our website in near future on how to configure to use other Telcos.

You can use PREPAID or POSTPAID Starhub sim card for your CCTV. If you use PREPAID CARD, jump to STEP 3...

If you use POSTPAID card, you need to make sure it able to SEND MMS.

To test, insert the sim card into your handphone before the CCTV. Try to test send MMS to yourself, by snapping any picture using your phone camera and send to own number. Do you receive the MMS Picture shortly?


If you doesn't receive anything or the MMS message stuck in your OUTBOX for very long time, means either your phone's setting not correctly configured to send/receive MMS or your PLAN doesn't have MMS/GPRS activated. You need to call your **1633** customer service for help.

If other person sends you MMS, and instead of receiving full picture in your handphone, you receive SMS asking you to download the pictures from the internet, it's also a sign that your handpone can't receive MMS.

**Don't continue to next step if you haven't get this step right..make sure the SIM CARD you are going to insert into the CCTV able to SEND MMS!**

### STEP 3 : IF YOU USE STARHUB PREPAID CARD FOR CCTV

To make your live easier, we recommended to use STARHUB PREPAID CARD. Here we will guide you how to use STARHUB PREPAID CARD for the CCTV.

- Buy Starhub Prepaid Card from any stores like 7Eleven. Bring your IC for registrations. Ask for 3G Sim Card as shown beside.....  

- Insert the new sim card into your handphone with MMS capabilities for first time. Dial **9850 0000** to activate the card. Listen to you card balance.
- Now, you need activate the MMS, dial **\*110#** Or simply call **1633** for customer service help
- Try test send any MMS pictures to yourself now, by snapping any picture using your phone camera and send out as MMS (Multimedia Message). Can you SEND OUT and RECEIVE ? If can, everything is well configured.  
  
If you doesn't receive anything or the MMS message stuck in your OUTBOX for very long time, means either your phone's setting not correctly configured to send/receive MMS or your PLAN doesn't have MMS/GPRS activated. You need to call your **1633** customer service for help.  
  
If other person sends you MMS, and instead of receiving full picture in your handphone, you receive SMS asking you to download the pictures from the internet, it's also a sign that your handpone can't receive MMS.  
  
**Don't continue to next step if you haven't get this step right..make sure the SIM CARD you use for the CCTV able to SEND MMS!**
- If everything ok, you are ready to start. Follow STEPS 4 in next page!

#### TAKE A NOTE :

- REMEMBER TO TOP UP YOUR PREPAID CARD VALUE FROM TIME TO TIME. NO MMS WILL BE SENT OUT IF THERE IS NOT ENOUGH BALANCE. PLEASE VISIT STARHUB WEBSITE ON HOW TO TOP UP PREPAID CARD.
- Every Prepaid Card has EXPIRY DATE, for STARHUB PREPAID CARD, call **9850 0000** to check your CARD BALANCE and EXPIRY DATE !
- Top up STARHUB PREPAID CARD with \$18 or \$38 Green Top Up Card to extend the life of the SIM Card or your balance low. Don't top up with Happy 128 (\$28) Top Up Card, as it doesn't come with MMS Credits.
- Cost per MMS for Prepaid Card is 30 cents. For Postpaid usually same cost as SMS. This is rough estimation; please call **1633** to check rates.

## STEP 4 : SETTING UP CCTV

1. Tighten the “**Universal Mounting Kits**” with the “**Console**” with all provided screws and bolts. You can position it to be Standing or Mount to the wall.
2. Open the **Back Cover** of the console, **Insert SIM card**, without PIN code, into the sim card slot (push to the end). Then connect the **Back-Up Battery** cable. Close the cover.
3. **Plug in power**, +6V, and turn **ON**, you will hear **First BEEP**. Then **wait for 15 second**, you will hear **Second BEEP**, means your sim card **Successfully** inserted and connected to the network. If you hear nothing after the first beep, remove the power, check, re-insert the SIM, and re-power after 3 minutes.

4. Now you are ready to program the CCTV for the first time.  
Pick up your handphone and SMS this code to the CCTV's number :

**000000 M#91234567,81234567**

*\*The first six zero is the default password, follow by SPACE, then capital M means you set the MASTER ADMIN to number 91234567, and 81234567 as GENERAL USERS. You can add more General Users separated by coma.*

*\*\*MASTER ADMIN does not need password to program and operate the system; password is necessary for other user(s) to perform the work.*

After you SMS above code, the CCTV will reply back to you :

**M:#91234567,81234567**

*\*Means you successfully set the MASTER ADMIN and GENERAL USERS to number 91234567, and 81234567  
\*\* If your command is wrong the CCTV will reply back **sms error!** instead*

5. If you want the CCTV to send the pictures to your email as well, send this code :

**000000Ejuly@yahoo.com**

*\*The first six zero is the default password, follow by E, then your email address such as [july@yahoo.com](mailto:july@yahoo.com).*

*\*\*We ARE NOT recommended to set email address, because it will keep sending two pictures, one to your handphone, another to the email, more cost will incur. Unless you are travelling overseas, where MMS ROAMING is not sure thing, so by setting EMAIL, you check the CCTV pictures via your email.*

6. If you made mistake, you can RESET ALL SETTINGS to DEFAULT. SMS this code :

**000000C**

*\*The first six zero is the default password, follow by C*

*\*\*After you send the code, it takes roughly 2 minute for the CCTV to send back to you SMS **factory reset!***

*\*\*If you reset all settings, you need to re-configure CCTV MMS setting. Refer to Page 5.*

7. DONE

**You can always check the latest setting or check ALARM status, by SMS this code anytime :**

**000000D**

*\*The first six zero is the default password, follow by D*

## STEP 5 : START TO USE THE CCTV

### 1. To MONITOR your premises,

**For MASTER ADMIN :** CALL your CCTV, you will hear at least 1 ring and it will AUTO ACCEPT and hang up. Shortly after, roughly 1-4 minutes (depends on signal and network traffic), you will receive MMS Pictures from your CCTV.

*\*if you calling from numbers not MASTER ADMIN, the CCTV will never pick up, it will keep ringing*

**For GENERAL USERS:** SMS your CCTV this code : **0000001**

*\*The first six zero is the default password, follow by 1, means you want the CCTV to snap 1 picture only. You can change to more than 1 time.*

**IMPORTANT :** After you CALL or SMS **0000001** command for the first time, and nothing happens for 10 minutes (means you don't receive MMS from CCTV), you need to **POWER OFF** and **POWER ON** the CCTV, and set the correct MMS SETTINGS (page 5) before try this step again ! Also check your SIM CARD BALANCE.

### 2. To LISTEN IN real-time conversation from the CCTV

**For MASTER ADMIN :** SMS your CCTV this code : **T91234567**

*\*Capital T followed by the number you want the CCTV to call back. After SMS sent, the CCTV will call that number, and you just answer as per usual. Remember, don't send T follow by the numbers of the CCTV itself, it will perform endless loop dialing.*

**For GENERAL USERS:** SMS your CCTV this code : **000000T91234567**

*\* The first six zero is the default password, follow by T followed by the number you want the CCTV to call back.*

### 3. To TURN ON ALARM MODE, SMS this code to the CCTV:

**000000A1**

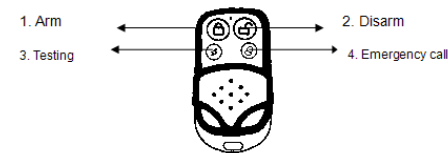
*\* The first six zero is the default password, follow by A1. The CCTV will reply back to you **System Armed1**. Or you can press the provided REMOTE CONTROL*

Now the CCTV is in ALARM MODE, when it detects any MOTIONS, it will SOUND ALARM and automatically send MMS to MASTER ADMIN, GENERAL USERS and EMAIL.

To TURN OFF the ALARM MODE (TURN OFF BLARING ALARM ALSO), SMS this code to the CCTV:

**000000A0**

*\* The first six zero is the default password, follow by A0. Or you can press the provided REMOTE CONTROL*



#### Button 1: Arm

You should operate the remote control unit within 100 meters, transmission range, to arm the system. Once the button pressed, the console will sound continuous high-low beeps, and system enter armed mode after 1 minute.

#### Button 2: Disarm

You should operate the remote control unit within 100 meters, transmission range, to disarm the system. Once the button pressed, the console will sound a long beep, and system enter disarmed mode.

#### Button 3: Testing

You should operate the remote control unit within 100 meters, transmission range, to Disarm the system. Once the button pressed, the console will sound beep a twice, and system enter disarmed mode. If press and hold the button for 3 seconds, system will enter or exit factory testing mode. Testing is only for factory inspection purpose, not for end user.

#### Button 4: Emergency Call

Press and hold the button for 3 seconds to start the emergency number you preset. If it is answered, the host will display the pre-record voice message to give the warning.

## OTHER SETTINGS

1. To change Default Password of **000000** SMS this code :

**000000N123**

*\* The first six zero is the default password, follow by N, then your new password, example here is 123*

*\*\* Once you change password, all other operations must use this new password, no longer 000000*

2. To change Picture Resolution SMS this code :

**000000J1**

*\* The first six zero is the default password, follow by J1, it will change to 320X240*

**000000J0**

*\* The first six zero is the default password, follow by J1, it will change to 480X320*

**You can always check the latest setting or check ALARM status, by SMS this code anytime :**

**000000D**

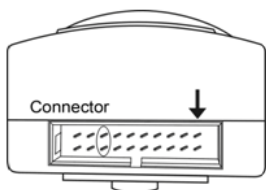
*\*The first six zero is the default password, follow by D*

3. Solution for Password Forgotten :

If the password is forgotten or missing, you may follow the steps to reset the password.

- Press and hold the Disarm/Test button on any registered the remote control unit for 3 seconds; a long beep is heard to indicate system is entering test mode.
- Short the pins at the connector shown as the following drawing with a conductive object, such as a screw driver; a long beep is heard again to indicate the password has been reset and reverted to default password, 000000.
- Press and hold the Disarm/Test button on any registered the remote control unit for 3 seconds; a long beep is heard to indicate system is back to standby mode.
- Reboot the system for operation or programming.

Caution: Don't short other pins on the connector and touch other metallic object during resetting.



## CHANGE CCTV MMS SETTING

This CCTV by default PRE-CONFIGURED to works with STARHUB MMS SETTINGS.

We will update you in the near future to use other Telco's SIM Card.

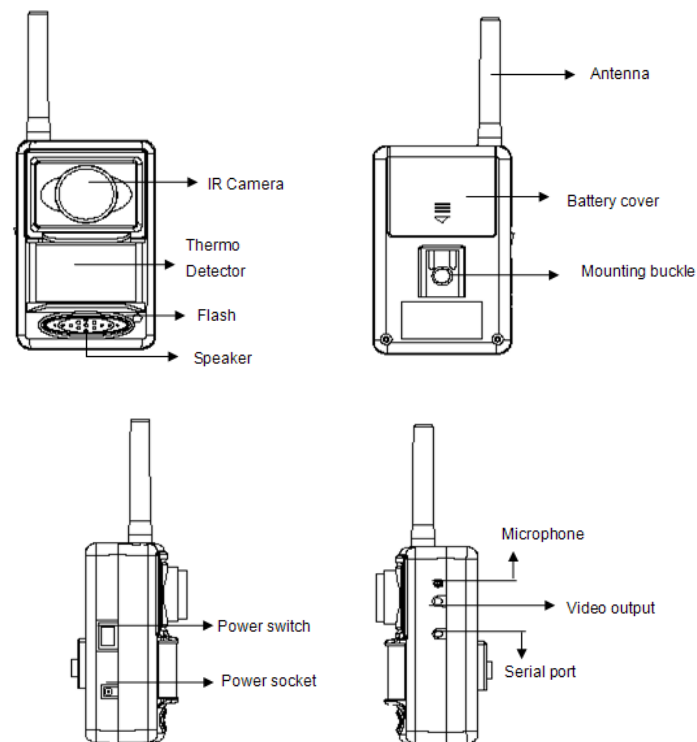
If you RESET ALL SETTINGS to DEFAULT by sending **000000C** you need to reset back CCTV MMS SETTING.

For STARHUB MMS SETTINGS, you need to SMS this code :

**000000Ghttp://mms.starhubgee.com.sg:8002,10.12.1.80,shmms,9201,,,**

*\* The first six zero is the default password, follow by G, follow by Provider MMSC Address, follow by coma, follow by Provider MMS Gateway IP Address, follow by coma, follow the APN, follow by coma, follow by PORT, follow by coma, Username (can be empty depends) , follow by coma, Password (can be empty depends), follow by coma*

*\*\*Please check with Telco for latest settings.*



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**Package List****1) Standard accessories :**

- |                               |                           |
|-------------------------------|---------------------------|
| a) Consol x 1                 | e) Antenna x 1            |
| b) Power adaptor x 1          | f) Remote Con. X 2        |
| c) Rechargeable battery x 1   | g) Instruction Manual x 1 |
| d) Universal mounting kit x 1 | h) Warranty card x 1      |

**2) Options :**

- a) Enhanced antenna
- b) Remote con.(maximum number is 10 units)
- c) Alarm extension unit ( Camera unit or Detection unit ) Reserved function (future version)
- d) Video line (digital signal serial port) Reserved function (future version)

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**Major Technical Parameters**

<u>PIC Format</u>	<u>JPEG</u>
Resolution	320X240 /480 X320 pixels
Camera View Angle	Horizontal 60° / Vertical 60°
Effective Range	< 20 meters
Remote Control Distance	< 30 meters
Backup Battery	< 24 hrs (depends on battery capacity)
Working Temperature	0-50°C (32-122°F)
Relative Humidity	10-90%, non-condense

PRODUCT BY :

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