

Quick Start

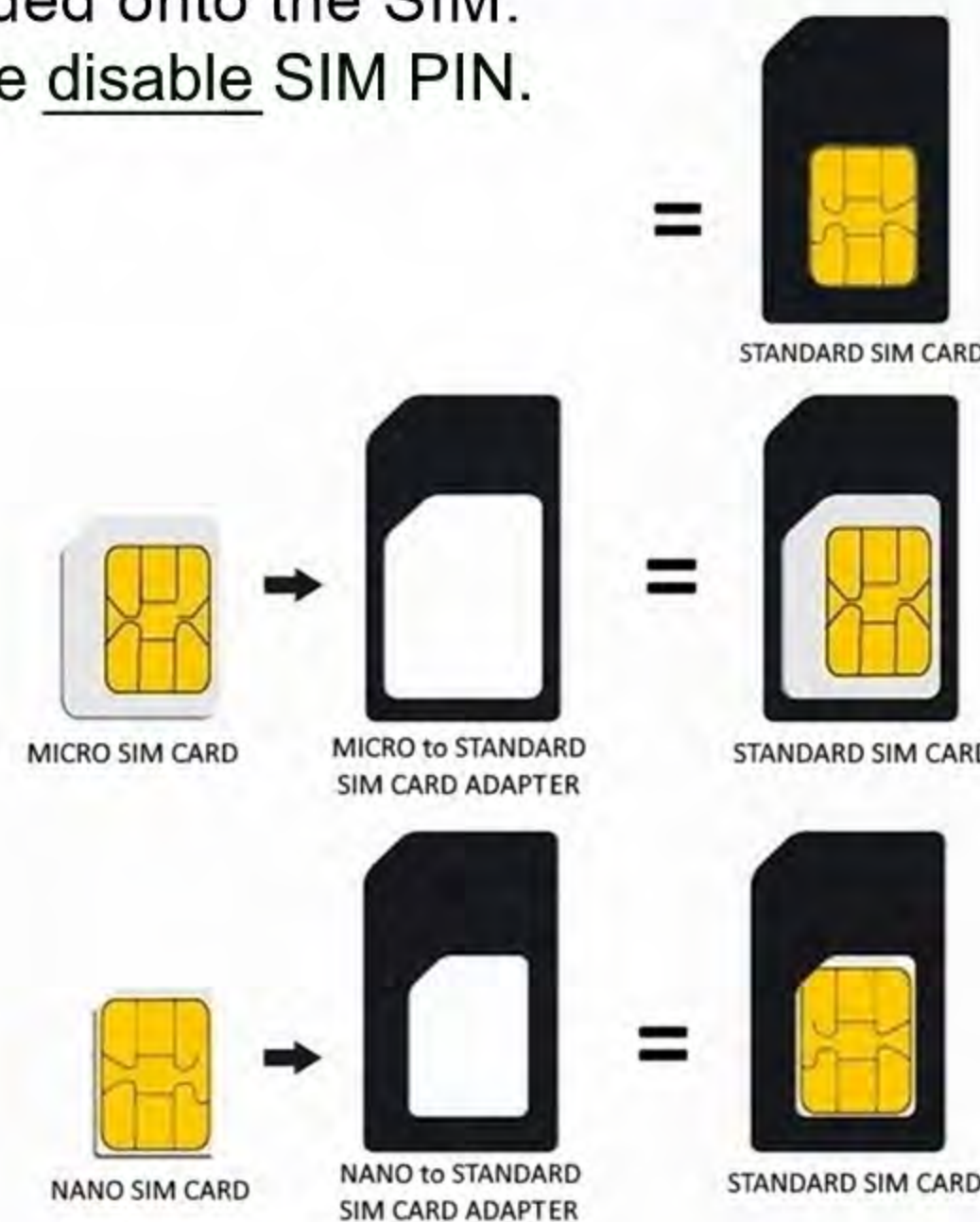
GLORY-LTE-CELLULAR

Before you start, you need to prepare the following things:

1. Standard size SD or SDHC (high capacity) memory card (max size 32GB)
- Micro-SD memory cards with adapters are NOT recommended.



2. Standard SIM card (active and network enabled).
Please ensure sufficient Data & Airtime is loaded onto the SIM.
Please disable SIM PIN.



4. The camera



3. 4, 8 or 12 x AA size batteries
- Do not mix different types of batteries
- Do not mix old batteries with the new batteries

The following batteries can be used:

- High-density and high-performance AA size alkaline or 1.5v Lithium batteries (Recommended)
- Rechargeable 6V external SLA battery (Sealed Lead Acid) or solar panel
- Rechargeable NiMH AA size batteries (at least 2500mAh)



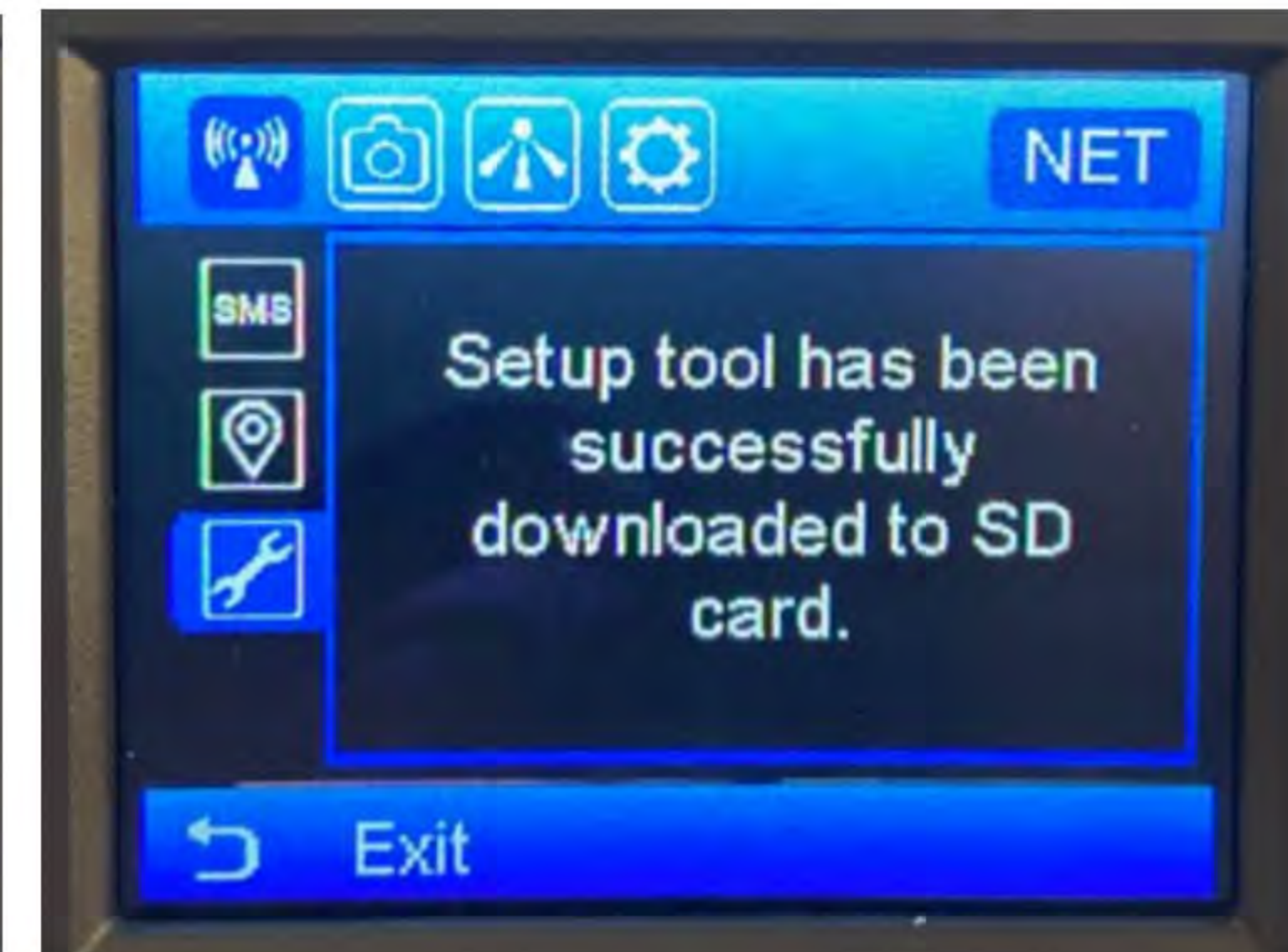
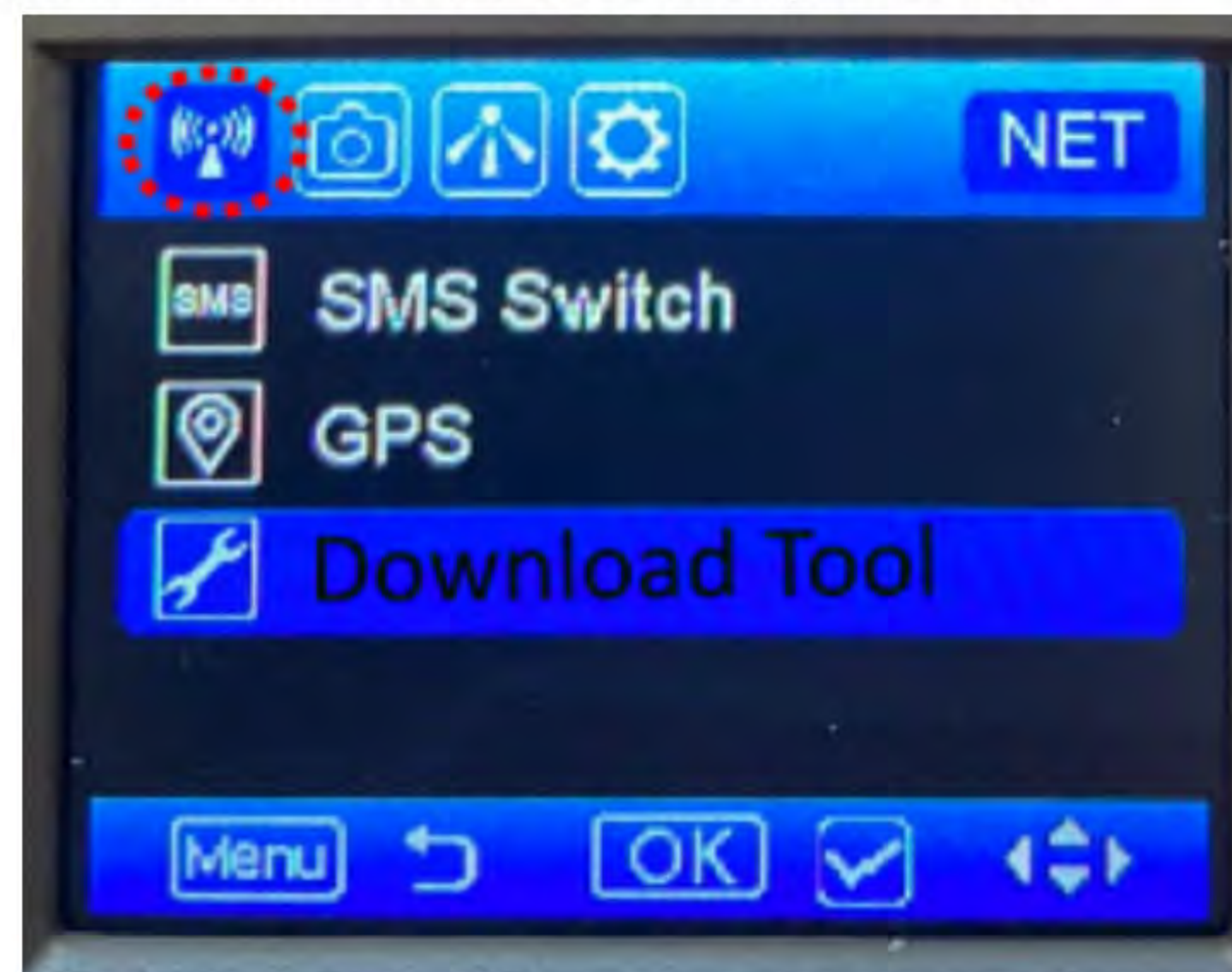
Downloading the Setup Program from the camera (U Set.exe)

FORMATTING THE SD CARD

1. Switch camera power to 'SETUP'
2. Press MENU button, then navigate to the 'SYS' tab. Scroll down by pressing the ▼ button until the 'Format SD Card' option is highlighted and press 'OK' then choose 'Yes' to format.

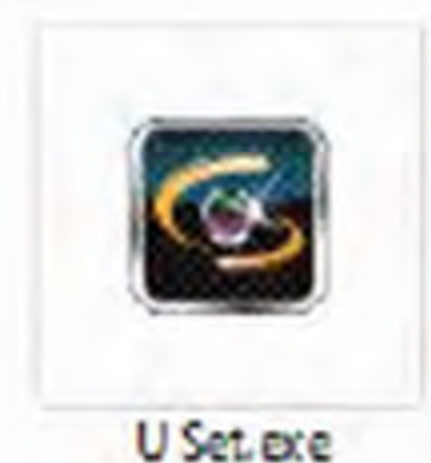


3. Now navigate to the 'NET' tab and scroll down to 'Download Tool' and press OK.



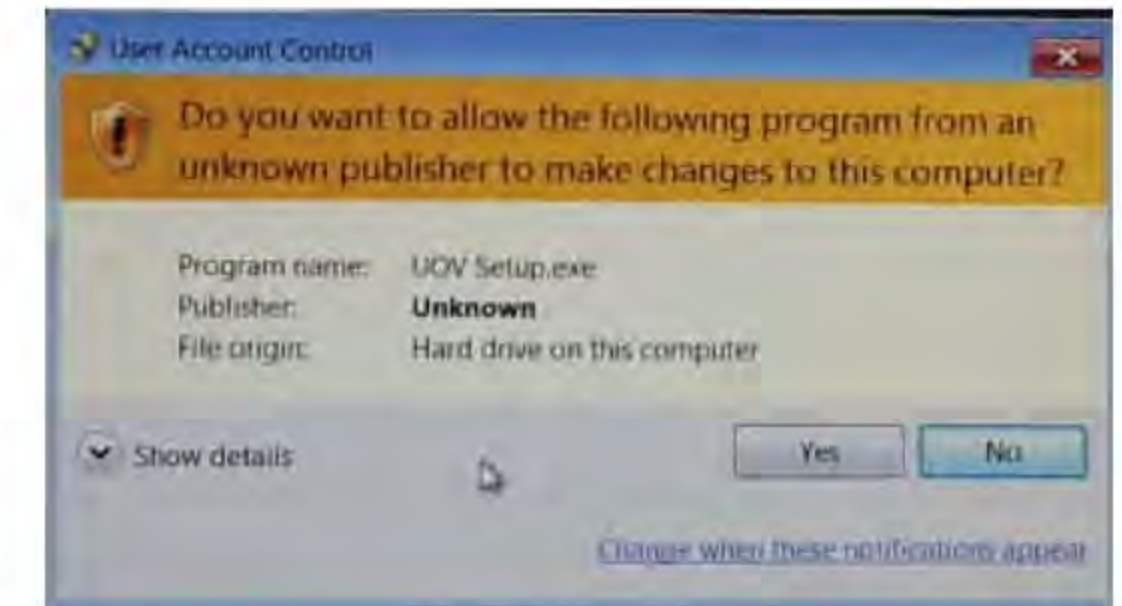
4. Turn the camera OFF
 - Remove the SD card from your camera and insert into your WINDOWS PC / laptop card reader
 - Locate the SD card and 'U Set.exe' program from your PC / laptop (icon right)

TIP: You can open the 'U Set.exe' program directly from the SD card but it's a good idea to create a folder on your WINDOWS PC / laptop for your camera trap and copy this program into it. It saves you having to download it again for future use.



Camera Setup with WINDOWS PC / Laptop

Double click the 'U Set.exe' program to open (you may see a warning box - choose YES to continue).



(1) Send Mode

Instant: Select to transmit pics / clips immediately. Max Num = option to limit # of transmissions / day (0 = unlimited)
Daily Report: SMS notification at a user-set time listing the number of activations that occurred in the previous 24 hrs
Off: Disables the cameras transmission feature

The image shows the 'U Set V5.02.15' configuration window. It has a blue title bar with the text 'U Set V5.02.15' and a close button. The window is divided into several sections. The 'Send Mode' section (marked with a red (1)) has 'Instant' set to 'On' with a value of '0' (0-99, 0=Unlimited) and 'DailyReport' set to 'Off' with a time of '00:00'. The 'Operator Parameter' section has 'Country' set to 'Customer' and 'Operator' set to 'Customer1', with a 'Custom' button. The 'Send To' section has 'Phone' selected, 'Email' selected, and an 'Email Setting' button. The 'Email Size Selection' is set to 'Small Photo'. The 'GPS / SMS Control' section has 'GPS' set to 'Off' and 'SMS Switch' set to 'On(24hour)'. The 'SMS Work Time' section has 'Start' and 'Stop' both set to '00'. The 'Recipients' section has four rows for 'Command Phone', 'Phone Number 2', 'Phone Number 3', and 'Phone Number 4', and four rows for 'Receive Email 1', 'Receive Email 2', 'Receive Email 3', and 'Receive Email 4'. The 'Receive Email 1' field contains 'farmcam@gmail.com'. The 'Rename' section has 'Rename' set to 'On' and a name 'CAM1' (0-9,A-Z only). There are 'CAM Setting' and 'Default All' buttons. At the bottom, there is a 'Save Path' field with a browse button (...). At the very bottom are 'OK' and 'Cancel' buttons.

Camera Setup...cont.

Manual input of Network Operator Parameters:

(2) Operator Parameter

Country: Select '**Customer**' from the drop-down list.
Operator: Will automatically change to '**Customer1**'

- Then click the **Custom** button to manually input your required network settings (*a new screen will open*).
- Click 'OK' when done

U Set V5.02.15

Send Mode: Instant ☐ On ☐ 0 (0-99,0=Unlimited) DailyReport ☐ Off

Operator Parameter: Country Customer Operator Customer1 **Custom**

Send To: ☐ Phone ☒ Email Email Setting

Email Size Selection: Small Photo

Recipients: Command Phone 08 Phone Number 2 Phone Number 3 Phone Number 4

Rename ☐ On ☐ CAM1 (0-9,A-Z only)

Save Path

GPS / SMS Control: GPS ☐ Off ☐ SMS Switch On(24hour) SMS Work Time Start 00 Stop 00

MMS: URL http://mms.mtn.co.za/mms/wapenc Gateway 196 . 11 . 240 . 241 APN myMTN Port 8080 Account mtnmms Password mtnmms

GPRS: APN internet Account guest Password ()

OK Cancel

NEW MTN settings below as well as other major SA cellular networks

(MTN shown above)

VODACOM - MMS
URL: http://mmms.vodacom4me.co.za/
Gateway: 196.6.128.13
APN: lte.vodacom.za
Port: 8080
Account: (leave empty / blank)
Password: (leave empty / blank)

VODACOM - GPRS
APN: internet
Account: guest
Password: (leave empty / blank)

Cell C - MMS
URL: http://mms.cmobile.co.za/
Gateway: 196.031.116.250
APN: mms
Port: 8080
Account: (leave empty / blank)
Password: (leave empty / blank)

Cell C - GPRS
APN: internet
Account: (leave empty / blank)
Password: (leave empty / blank)

MTN - MMS
URL: http://mms.mtn.co.za/mms/wapenc
Gateway: 196.11.240.241
APN: myMTN (or internet)
Port: 8080
Account: mtnmms
Password: mtnmms

MTN - GPRS
APN: internet (leave empty / blank) or myMTN (leave empty / blank)
Account: guest (leave empty / blank) or mtnwap (leave empty / blank)
Password: () or mtnwap

Telkom (8ta) - MMS
URL: http://mms.8ta.com:38090/was
[Or try URL:] http://mmms.telkomsa.net
Gateway: 41.151.254.162
APN: mms
Port: 8080
Account: (leave empty / blank)
Password: (leave empty / blank)

Telkom (8ta) - GPRS
APN: internet
Account: (leave empty / blank)
Password: (leave empty / blank)

RAIN - GPRS
APN: rain
Account: (leave empty / blank)
Password: (leave empty / blank)

U Set V5.02.15

Send Mode: Instant ☐ On ☐ 0 (0-99,0=Unlimited) DailyReport ☐ Off

Operator Parameter: Country Customer Operator Customer1 **Custom**

Send To: ☐ Phone ☒ Email Email Setting

Email Size Selection: Small Photo

Recipients: Command Phone 0823456789 Phone Number 2 Phone Number 3 Phone Number 4

Receive Email 1 farmcam@gmail.com Receive Email 2 Receive Email 3 Receive Email 4

Rename ☐ On ☐ CAM1 (0-9,A-Z only)

Save Path

GPS / SMS Control: GPS ☐ Off ☐ SMS Switch On(24hour) SMS Work Time Start 00 Stop 00

OK Cancel

Camera Setup...cont.

(3) 'Send To'

Sending images via Email to Email addresses: [RECOMMENDED]

In the 'Send Via' box, tick **'Email'**. Then click the **Email Setting** button and the following window (below) will appear for you to input your SENDING smtp details...

* Email Size Selection:

This setting will either transmit minimised footage that has been triggered (Small Photo) which is +/-300kb file size images (RECOMMENDED) or the original file sizes that have been saved (Big Photo/Video) which are +/- 4MB - 10MB in size - which will take longer to send and will be more expensive...

Here you input the Sending email account details as the camera will use this account to send the relevant images.

A number of popular Email Provider settings are pre-loaded onto the Setup Tool (Gmail / yahoo etc.) Click on the drop-down menu to select one of them.

Since mid-2022, new security protocols introduced by Gmail / Yahoo etc. now prevent users from using the the respective smtp.gmail.com / smtp.mail.yahoo.com parameters.

IT IS RECOMMENDED TO USE / CREATE YOUR OWN DEDICATED (FREE) E-MAIL ACCOUNT TO USE FOR SENDING / RECEIVING (next page) OTHER THAN gmail / yahoo etc.

If you can't create your own dedicated smtp SENDING e-mail, you can use one of the following as a temporary measure;

Email Provider:	Select 'Other' from the drop down list	Email Provider:	Select 'Other' from the drop down list
Account:	cameratraps@cameratraps.co.za	Account:	cams@cameratraps.co.za
Password:	Camera12345	Password:	Camera12345
SMTP Server:	smtp.cameratraps.co.za	SMTP Server:	smtp.cameratraps.co.za
SMTP Port:	587	SMTP Port:	587
SSL:	NO (leave unchecked)	SSL:	NO (leave unchecked)

[...Please DO NOT use either of these 'Account' e-mail addresses for RECEIVING...]

(PLEASE NOTE: Delays in receiving of camera trigger emails may be experienced due to exceeding of @cameratraps.co.za server daily email sending limits)

For un-interrupted e-mails it is recommended for users to set up and use their own dedicated domain SMTP details

Camera Setup...cont.

(4) Recipients

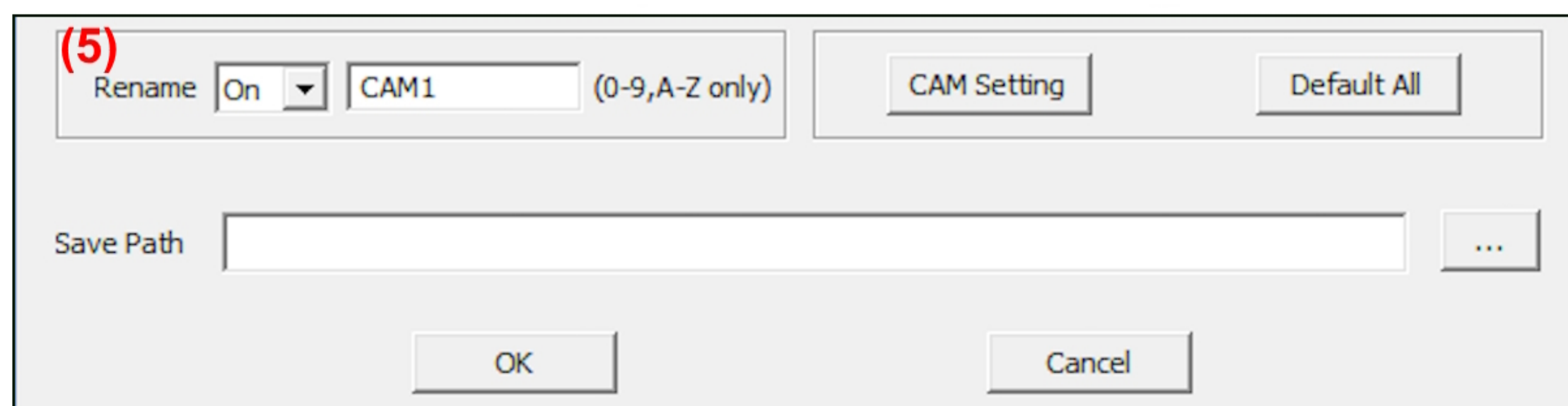
Tick the boxes for cell # / e-mail recipients to receive camera triggers and fill in the relevant RECEIVING Email address(es).

PLEASE NOTE:

- Only the cell # input in 'Command Phone' is able to control the camera remotely via SMS commands

* In order to do this, '**SMS Switch**' must be set to '**On(24hour)**'

- Cell numbers must be input with NO country codes / prefixes and NO spaces i.e. 0823456789

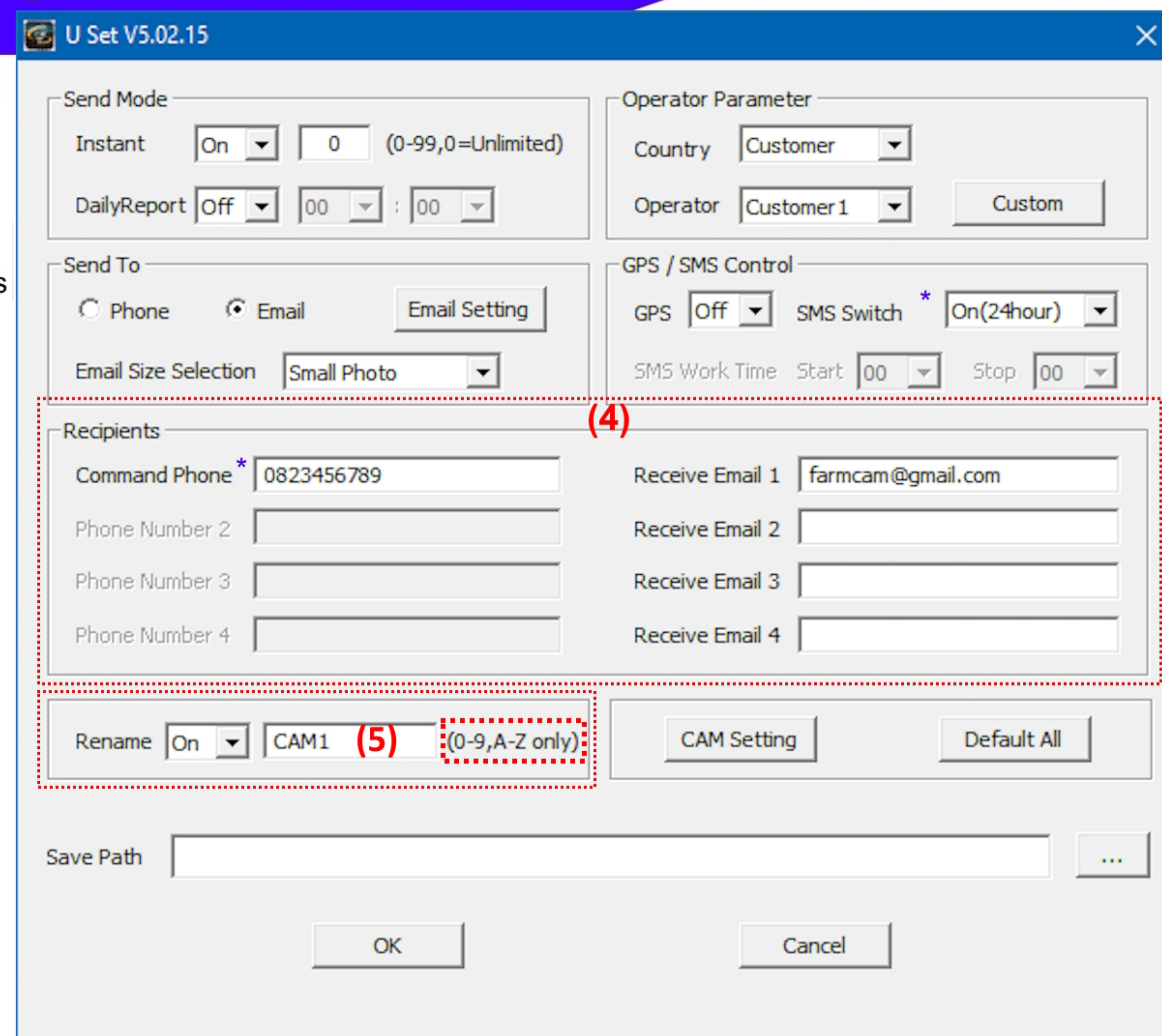


(5) Rename

Input a label (max 8 characters*) for the camera. This will be imprinted on the photo and email subject line so the user will know where (which camera) the images have come from.

* **PLEASE NOTE:** Characters can be a combination of letters (A to Z) and / or numbers (0 to 9).
No spaces or special characters e.g. @, #, -, _ , () etc. are permitted in this 'Rename' window.

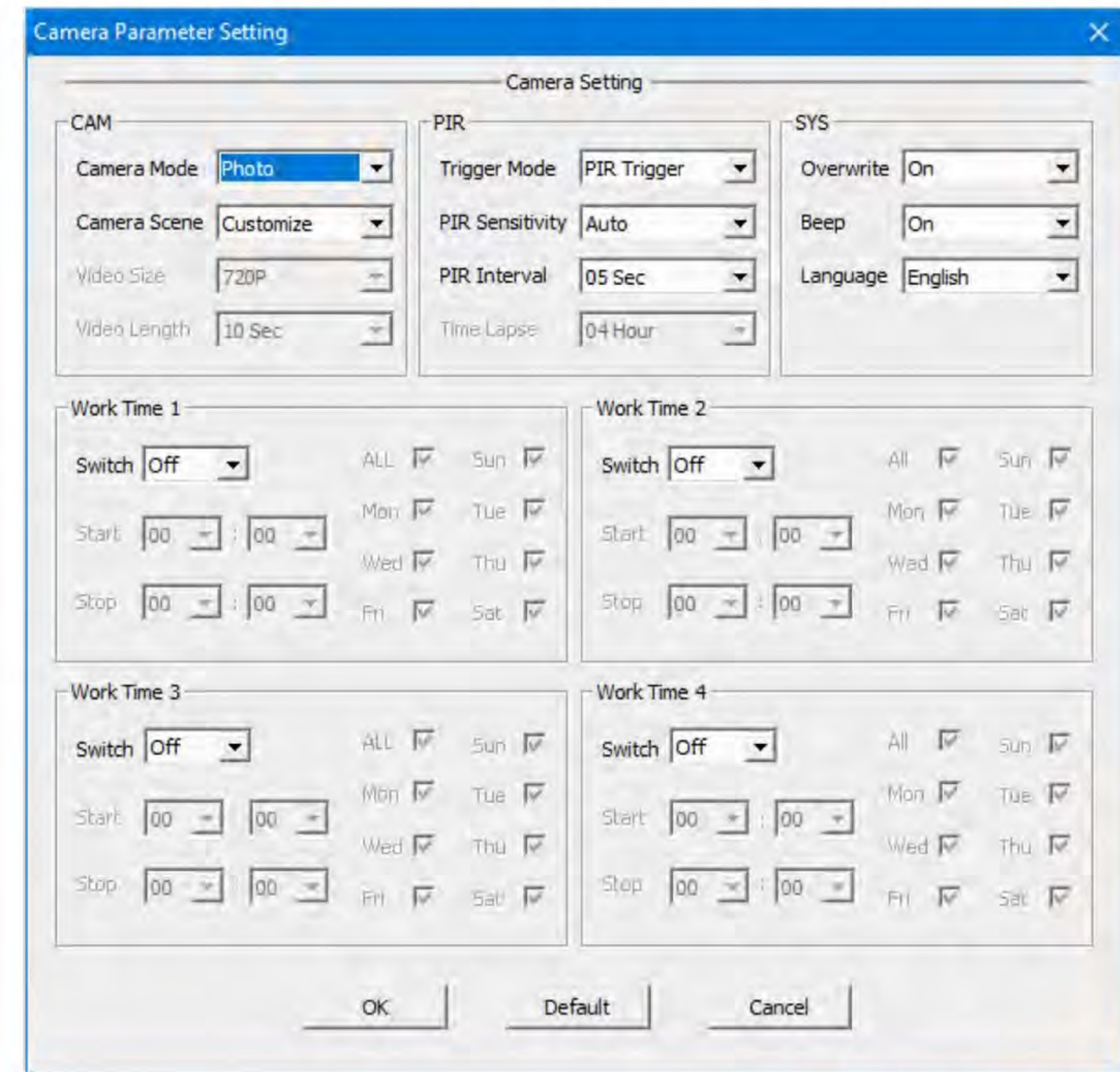
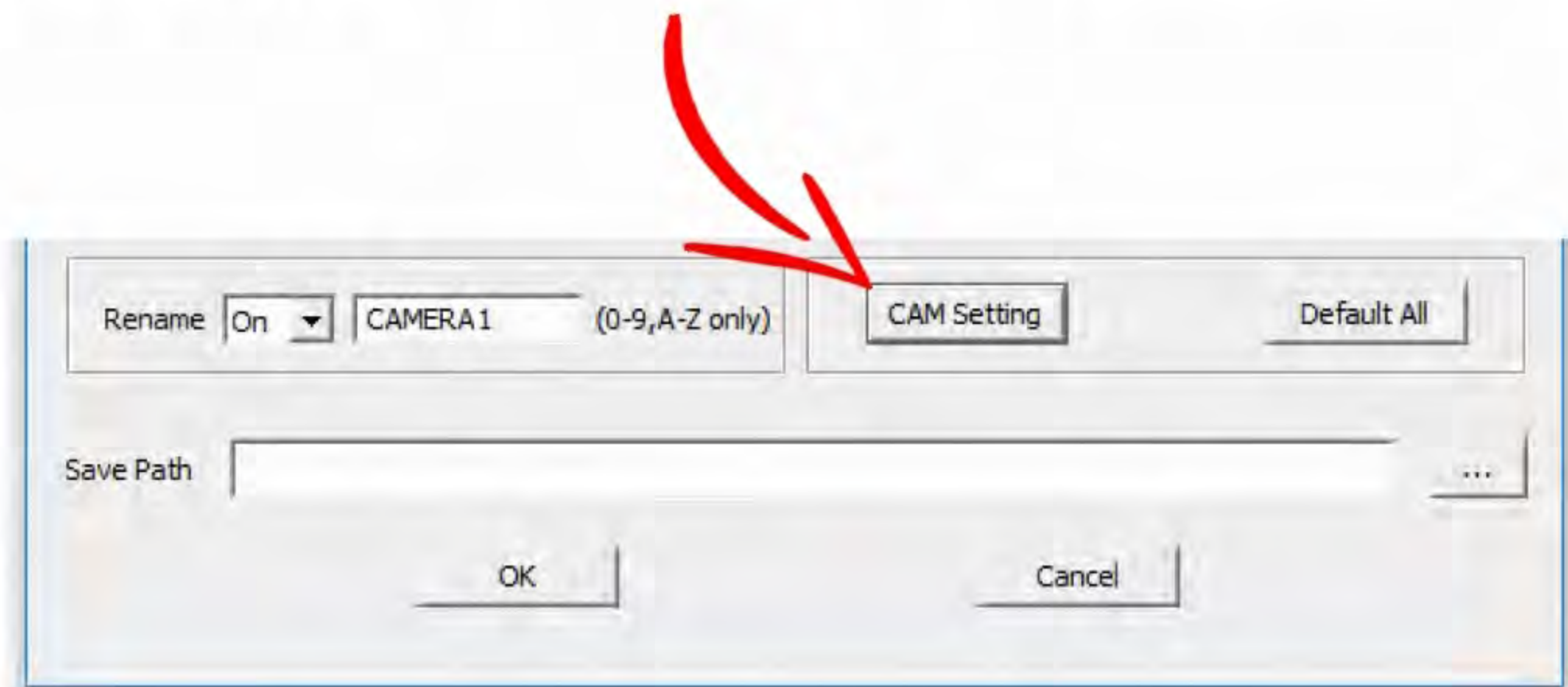
'CAM Setting' on next page...



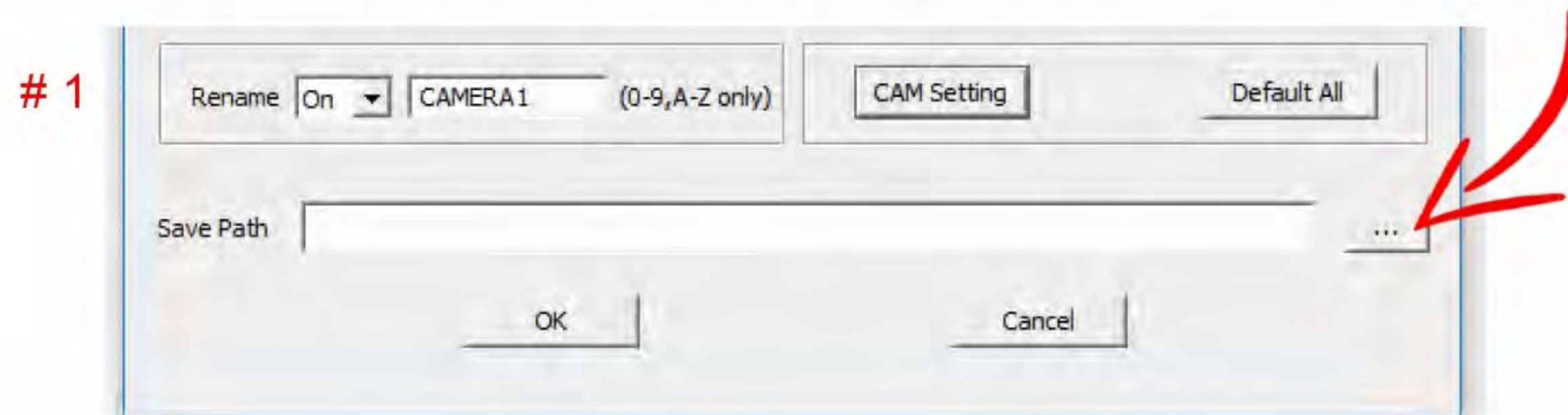
Camera Setup...cont.

CAM Setting:

For efficiency, you can click the 'CAM Setting' button and custom many camera settings to suite your requirements (these can also be done through the camera Menu Options).



After you have finished customising all the settings, make sure to save your path directly to the SD card root directory. Locate your SD card by pressing the '...' button (# 1 below)
The Program will then generate a 'PROFILE.BIN' file on SD card (# 2 below)



Put the SD card back into the camera, switch camera to SETUP, then you will see 'Update Success' shown on the screen.



Send a Test Photo

- 1) Switch camera to SETUP mode, press ► button to take a picture, then press OK button to view this picture;
- 2) Press the MENU button, choose send and press OK. You will see sending progress shows on the LCD screen. Once you see 'Sent Successfully', check your email account or phone to see if you receive the correct photo.

Important Notes...

Sending via E-Mail / App or MMS - Which is better? (SOUTH AFRICA)

Since late 2018, sending via MMS has become very unreliable and plagued with network issues. This is purely with network MMS broadcasting as our local cell networks are not communicating with each other properly which has resulted in failure of transmitted MMS images, serious delays with MMS images coming through – or not even at all.

After much deliberation with the networks regarding MMS broadcasting it seems they are in the process of upgrading their mast infrastructure which is playing havoc with MMS sending parameter settings around the country.

Our recommendation would be to rather send / transmit via E-mail / App (depending on the model) as opposed to via MMS for the following reasons;

- a) Sending via Email / App is always working and reliable.
- b) It's far cheaper to send via E-mail / App (uses only Data) as opposed to MMS (uses airtime).
- c) Sending via Email / App also allows for the transmission of short 5sec or 10sec video clips (with sound). This can't be done when sending via MMS due to network file size limit sending restrictions.