Est. 2007
CAMERA TRAPS cc
YOUR PATIENT WITNESS

CAMERA TRAPS cc
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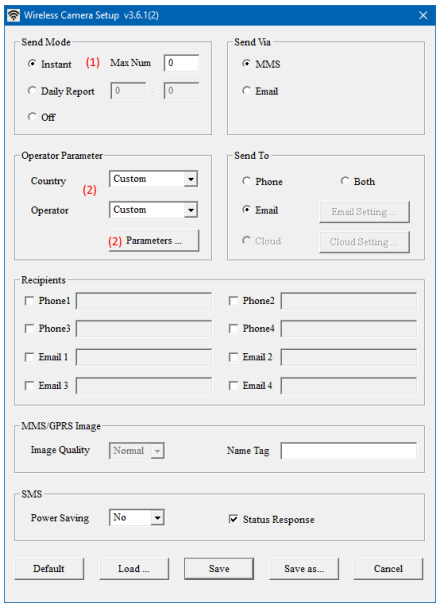
CUSTOM INPUT
VODACOM (SA) / MTN (SA) / Telkom (SA) / CellC (SA) cellular network parameters

1. Put a new set of AA batteries in the camera and use a (standard size) SD memory card (max 32GB).
   - *please do not use a micro-SD card with an adapter as camera traps often have compatibility issues when using micro-SD cards with adapters.*
2. Switch the camera to **SETUP** and wait for the logo to disappear. Press the **MENU** button and then navigate to the 'Format' option *(MENU / SYSTEM / Format / OK).*
3. Once formatted, navigate to 'Setup Tool' and press **OK** *(MENU / WIRELESS / Setup Tool / OK)* – a message will then appear saying it has saved the (Wireless.exe) Setup Tool program to the SD card.
4. Turn the camera **OFF**, take out the SD card and put the card into a card reader / Windows PC / Laptop.
5. From the SD card you will see an application file called '**Wireless.exe**' *(it's recommended to save this 'Wireless.exe' Setup Tool program to your Windows PC / laptop for use at later stages if required).* Then open this application (.exe) file by double-clicking it.



(1) Send Mode
Select '**Instant**' and make the Max Num = **0** *(unlimited)*

(2) Operator Parameter
Country – select '**Custom**'
Operator will auto change to 'Custom' as well
Then press the '**Parameters…**' button and a new screen will open up.

(3) Depending on the cellular network SIM card you are using in the camera trap *[VODACOM (SA) / MTN (SA) / Telkom (SA) / CellC]*, please input the required cellular network parameters exactly as you see it below.

Press '**OK**' when done

VODACOM

Internet	
APN:	internet
Username:	guest
Password:	*(blank)*
MMS	
APN:	lte.vodacom.za
Username:	*(blank)*
Password:	*(blank)*
URL(MMSC):	http://mmsc.vodacom4me.co.za/
Gateway(Proxy):	196.6.128.13
Port:	8080

MTN

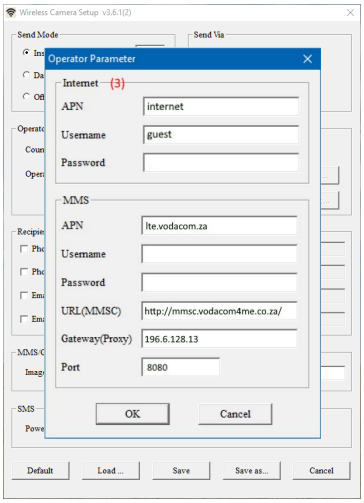
Internet	
APN:	internet
Username:	guest
Password:	()
MMS	
APN:	myMTN
Username:	mtnmms
Password:	mtnmms
URL(MMSC):	http://mms.mtn.co.za/mms/wapenc
Gateway(Proxy):	196.11.240.241
Port:	8080

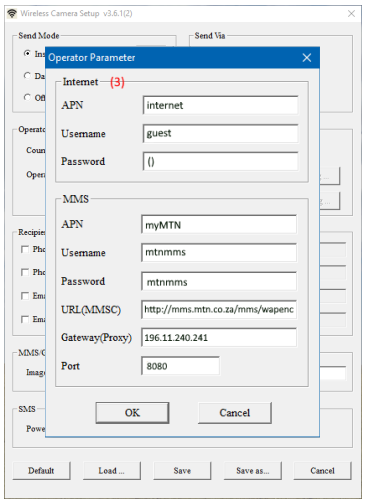
Telkom

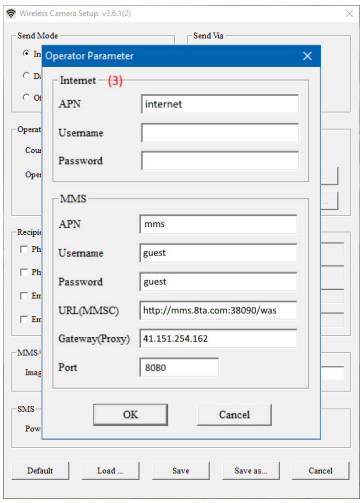
Internet	
APN:	internet (or) TelkomInternet
Username:	*(blank)*
Password:	*(blank)*
MMS	
APN:	mms
Username:	guest
Password:	guest
URL(MMSC):	http://mms.8ta.com:38090/was (or) http://mmsc.telkomsa.net
Gateway(Proxy):	41.151.254.162
Port:	8080

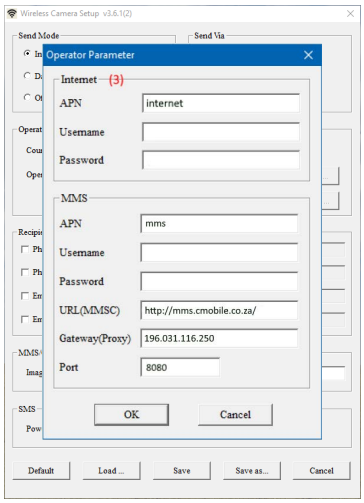
Cell C

Internet	
APN:	internet
Username:	*(blank)*
Password:	*(blank)*
MMS	
APN:	mms
Username:	*(blank)*
Password:	*(blank)*
URL(MMSC):	http://mms.cmobile.co.za/
Gateway(Proxy):	196.031.116.250
Port:	8080



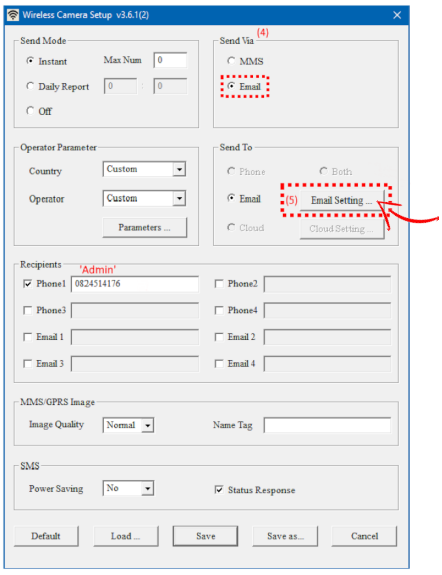






(4) Send Via – select 'Email' and you will see in the '**Send To**' box underneath it that only 'Email' can be checked.

(5) Click the 'Email Setting…' button and a new screen will open up for you to manually to input the smtp SENDING e-mail parameters.



MMS sending is very unreliable in SA - especially when sending to different cell networks (i.e. MTN SIM in the camera trap sending MMS's to Vodacom cell #'s). Same network MMS sending is however more reliable. Sending via 'Email' is way more reliable, far cheaper and also allows for sending of 5sec or 10sec video clips. MMS sending doesn't allow for video clip sending.

[Phone1] - this is the 'Admin' person's cell # who can remotely control the camera via SMS commands (you should have also received this list of remote SMS commands - if not please request it from us).
Input the 'Admin's' cell # in 'Phone1' with no spaces or prefix's. If you don't plan to remotely control the camera leave this blank

Users can input **either one** of the following smtp **SENDING** Email parameters as a **TEMPORARY solution**.

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

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

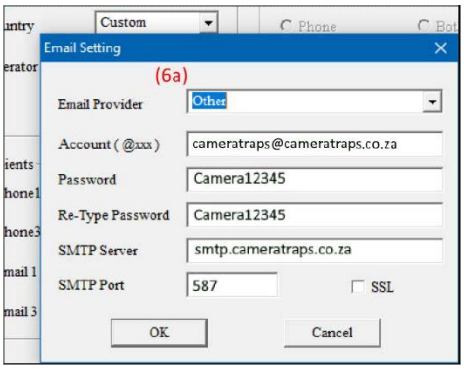
(6a)

Email Provider	-	select 'Other'
Account (@xxx)	-	cameratraps@cameratraps.co.za
Password	-	Camera12345
Re-Type Password	-	Camera12345
SMTP Server	-	smtp.cameratraps.co,za
SMTP Port	-	587
SSL	-	No (leave unchecked)

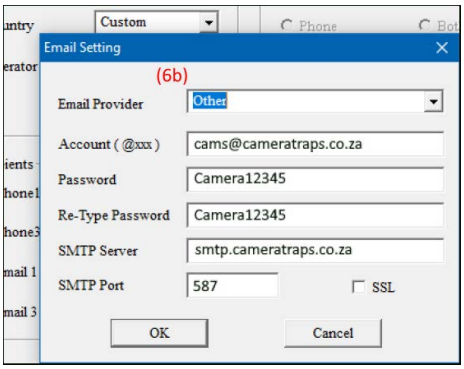
(6b)

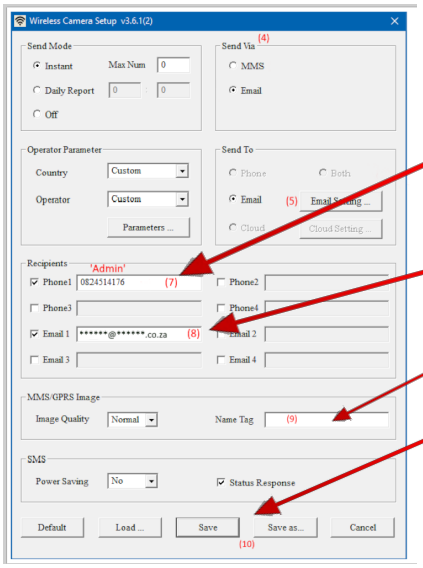
Email Provider	-	select 'Other'
Account (@xxx)	-	cams@cameratraps.co.za
Password	-	Camera12345
Re-Type Password	-	Camera12345
SMTP Server	-	smtp.cameratraps.co.za
SMTP Port	-	587
SSL	-	No (leave unchecked)

*Please **do not** input either of these 'Account (@xxx)' e-mail addresses as **RECEIVING** Email addresses*



Click '**OK**' when done





(7) [Phone1] - this is the 'Admin' person's cell # who can remotely control the camera via SMS commands (you should have also received this list of remote SMS commands - if not please request it from us). Input the 'Admin's' cell # in 'Phone1' with no spaces or prefix's. If you don't plan to remotely control the camera, leave this blank.

(8) Input your **RECEIVING Email address** for the camera triggers in 'Email 1'

(9) Give the camera a name tag *(this will be stamped on every pic and also be the subject of each received Email trigger).*

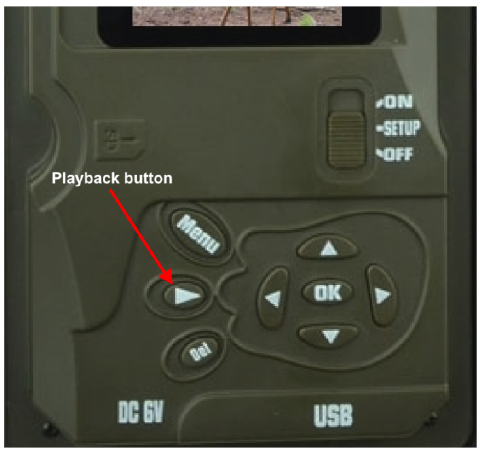
(10) Press the 'Save' button and it will create a '**MMSCFG.bin**' settings file in the same location you opened up the 'WIRELESS.exe' program from (*or press 'Save as…' and select the SD memory card drive as the SD card will be going back into the camera).*

Copy this newly created '**MMSCFG.bin**' file to the cameras SD card & put the SD card back in the camera. Switch the camera to '**SETUP**'.

You will hear 3 x quick 'beeps' followed by 2 x slower 'beeps'. These slower 2 x slower 'beeps' mean the camera has updated these new settings.

- Check via the camera MENU options that the settings have successfully updated.
- Set the date and time and then send a manual test picture.
  *To send a manual test picture, with the camera switched to **SETUP** and in '**Live**' screen mode i.e. go out of the 'Menu' screens so you can see what the camera lens is 'seeing" – Press the '**OK**' button and it will manually take a picture. It will then ask you if you want to 'Send this picture'?*
  *Press the '**OK**' button again to send and it will display, 'Setting…' / 'Sending…' / 'Sent'.*

NB:: Before arming the camera (switching it to 'ON'), ALWAYS make sure the camera logs onto cellular signal when switched to 'SETUP' (cell signal 'bars' will display like a cell phone).
- If this step is missed and the camera is switched straight from 'OFF' to 'ON' without logging onto cell signal first - it will NOT transmit triggered footage.



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LEVEL **4** B-BBEE CONTRIBUTOR