



INFORMATION

SPARTAN GoCam 4G [CELLULAR or CLOUD] - BLACK FLASH (Camo) + built-in viewer

The **SPARTAN GoCam™ 4G Cellular** is a next-generation digital Black Flash (*no visible light when it takes a photos / videos at night*) cellular camera trap that can instantly send image / video activations in the following ways;

- Via Email to any Email address (up to 4) – this method can also send images or short 5s or 10s video clips with sound
- Via MMS* to cell numbers (up to 4) - *images only*
- Via the SPARTAN CAMERA MANAGEMENT online web portal and mobile App

* Transmitting immediately triggered footage via Email or Cloud is far more reliable than transmitting triggered footage via MMS - especially in South Africa. MMS sending has become very unreliable over the past couple of years as networks update infrastructures / masts / change parameters. Transmitting footage via Email / Cloud is cheaper, just as fast if set up correctly and also allows for short 5sec / 10sec video clip transmissions whereas MMS sending does not.

No matter what cellular network carrier SIM card is used – No matter what Network carrier the phone uses - the SPARTAN GoCam™ 4G Cellular is ideal for both proactive security and for wildlife monitoring with tried and tested results.

With specifically designed Firmware in conjunction with CAMERA TRAPS cc (SOUTH AFRICA), the setup for this camera trap has been specially adapted to work seamlessly with South Africa's cellular network (as well as any other cellular network) and the units can easily be set up from any computer in just minutes. If you want to use it as a standard camera trap – simply disable the cellular function (this can even be done remotely by sending the camera an SMS)!



Based on requirements compiled by a team of camera users with many years of scouting camera experience, the Spartan GoCam™ design focuses on durability, usability, and, above all, outstanding performance. The ultimate test of a trail camera is its performance. The Spartan GoCam™ features a fast trigger speed and the Black Flash LED array provides illumination to 25m and beyond for crisp, clear night images and videos. Photo resolution can be set as high as 8 MP, while video resolution can be set to 1080P HD.



Other notable features include;

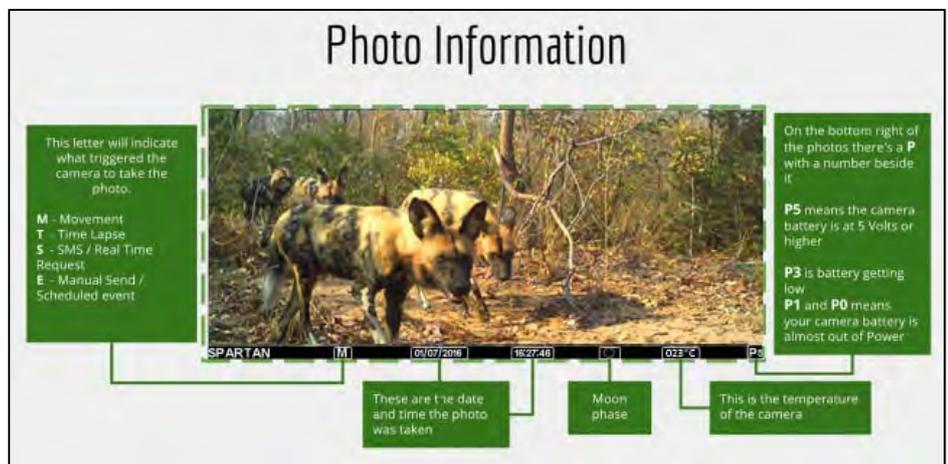


1. Better image / video resolution.
2. Must faster transmission (sending) times (3-5 seconds).
3. Ability to send 5s or 10s video clips via e-mail (1024x576 or 320x240 resolution).
4. 3rd recording option (Photo + Video – *Only Photo will be sent but the video clip will still be recorded onto the SD card*).
5. A number of settings and the camera traps' status can be checked / changed remotely by sending specific SMS Commands to the camera traps. This is very advantageous and saves one having to physically go to the camera locations to check settings and status.
6. Built-in easy-to-read 2" image / video colour screen for viewing footage in the field.
7. Compatible metal security housing for added security from theft / damage (can also fit MasterLock Python Cable)
8. Large, well-marked menu options.
9. Uses 12 x AA batteries which provide several months of battery life. The batteries are arranged in two bays so that each battery has its own slot, thus eliminating the common problem of batteries unseating.
10. External 6V power port to connect aux SLA battery supply or solar panel for extended battery life.
11. USB port.
12. SD card slot on the left, with a large cutout to make it easy to insert or remove the SD card, which can be up to 32GB.
13. The setup menus are logical, well-organized, and easy to use.
14. The camera can be set to overwrite the oldest photo on the SD card with the most recent if the SD card is full so you don't lose the most recent photos just because the SD card has filled.
15. If you don't want the camera to take pictures all the time, you can set one or two duty periods, each with different trigger intervals and time-lapse settings i.e. for one duty time, you can set the camera to trap to turn ON at say 17:00 and OFF at 06:30.
16. In order to provide excellent water resistance for outdoor use, there are flush case mating areas in both front and rear case halves. An oversized rubber gasket on the front case half, as well as an oversized double-hinged latch that is easily operated with gloved hands and ensure a complete water-resistant seal.
17. Compatible with a range of cellular booster antennas available from CAMERA TRAPS cc to assist with image transmission in areas with weaker cellular signal (from 3dBi to 11dBi gain).

PLEASE NOTE: If you are wanting the camera for security surveillance, face recognition will be the toughest part for any infrared / black flash trail camera. Night pictures greatly depend on how fast the subject is moving as to whether there will be blur or not. Overall, night pictures are good but don't expect a perfectly clear picture to prosecute someone with (unless they are completely still). Cellular cameras are best for alerting you immediately when someone is in a place they aren't supposed to be so you can respond to and intercept threats, not so much for prosecution.

With the fastest image transmission time on the market - The next-generation SPARTAN GoCam™ 4G Cellular is the leader...

The image information strip on the photos shows the date, time, moon phase, temperature, and battery level in a large, high-contrast white-on-black font that is easily readable on your cell phone screen without zooming.





Technical Specifications

Picture Resolution	3 MP / 5 MP / 8MP
Video Resolution	320*240@30 fps 1024*576@30 fps 720p@30fps 1080p@10fps
Delivery Options	Instant (Email [4] / MMS [4] / Premium), Daily Report, None (Send Off)
Remotely controllable	Yes: SMS Commands / Premium web portal / App
Transmitted Images	Thumbnails: 640*480 or 1280*960 HD (upon request): 2048*1536 (3 MP) 2592*1944 (5 MP) 3264*2448 (8 MP)
Transmitted Videos	320*240@30 fps 1024*576@30 fps
Trigger Time	0.4s
Lens	FOV (Field of View) = 52°
Night Illumination	InfraRed Blackout Flash (NO glow)
Display Screen	2.0" LCD
Memory Card	up to 32GB
Trigger	Motion (PIR) / Timer (Time Lapse, Time Lapse + Motion / Start-Stop1 / Start-Stop2)
PIR Sensitivity	Adjustable (High/Normal/Low/Off)
Temperature	-20 to +60C (Operation) -30 to +70C (Storage)
Photo Stamp	Yes: Camera Name / Date / Time / Moon Phase / Battery Level
Video Stamp	Yes: Camera Name <i>in Email subject line</i> / Date / Time / Battery Level
Trigger Interval	0s - 60 min
Time Lapse Interval	5s - 60s/1 min - 60 min/1 hr - 8 hrs
Photo Burst	1 - 3
Video Length	5s or 10s (320*240, 1024*576) - transmittable via cellular network (e-mail) 1 - 30s (720P, 1080P) - not transmittable
Power Supply	4, 8 ,or 12 x 1.2v-1.5v AA alkaline, lithium, or NiMH optional: 6V external power, AC power, solar panel
Stand-by Current	< 0.20 mA (< 5 mAh/day)
Sound Recording	Available
Mounting	Tripod / mounting strap / Python lock
Weight	360g
Dimensions	15 x 12 x 8 cm
Operation Humidity	5% - 90%



The most sophisticated wireless scouting camera solution.

AVAILABLE ACCESSORIES from CAMERA TRAPS cc

SD memory cards
Class 4 and Class 10

SanDisk

A wide range of camera / metal security case Mounting Options

Metal Security Cases / MasterLock Python cables (1.8mm / 8mm)

MasterLock

Wide range of Cell Signal Booster Antennas to assist in poor reception areas

Est. 2007
CAMERA TRAPS cc
YOUR PATIENT WITNESS
www.cameratraps.co.za

Flexibile antenna also available

220v to 6v (AC/DC Mains Adapter) for your camera

6v Solar Panel (includes 4 x Lithium-ion 18650 rechargeable 3.7v batteries) - 8000mAh

Different Power Options from AA size Lithium 1.5v batteries / AA size NiMH rechargeable batteries / 220v adapters / 6v SLA rechargeable batteries and applicable connection cables & chargers

SLA battery Metal Security Cases (for 1 x SLA battery or 2 x SLA batteries to be wired in parallel)

Energizer

GP ReCyko!

Kind Regards

Chris Pearson

CAMERA TRAPS cc

Mobile: +27 (0) 83 560 0555 | +27 (0) 82 422 0356

Email: info@cameratraps.co.za

Web: www.cameratraps.co.za

CAMERA TRAPS cc is a **LEVEL 4 B-BBEE CONTRIBUTOR**