

PARD 007S

Product Manual



Updated 11th June 2021

Applies to New Zealand Market

Important

- This device contains a visible laser and a laser IR Emitter (the IR Light). Because of the potential risk to your eyes vision do NOT look directly at either of these light sources, or point them towards other people, pets, and reflective objects
- Keep the IR light away from flammable objects, otherwise it may cause a fire.
- Turn off the IR light or use sleep mode when you are not actively using the device.
- **When fitting the device to your scope, treat it like a camera, be gentle, always PULL Pin clip back when attaching and releasing it from your scope**
- Don't remove the battery while the unit is switched on, even in sleep mode as this may cause the device to fail to start up or function abnormally. You may need to reinstall the software to correct this (It is very rare, but can happen)
- Always remove the Battery from the device for charging and only use a quality charging device and batteries
 - These devices use 18650 FLAT TOP batteries
 - Remove the battery when the device is not being used (Storage)
- DO NOT power the unit from an external USB Battery source
- **Never point the device at strong sources of light, such as the sun, welding or a laser; damaged caused by such will void the warranty**
- If you have questions please contact us; information online around the world are often incorrect or outdated and its best to get the correct information from us.

We highly recommend that you watch our videos- <https://pard.co.nz/how-to/>

Parallax on your Riflescope

Ideally this device requires rifle scopes that have parallax controls to obtain both the best imaging and the best accuracy. This is because if your scope is not in parallax, you could be potentially 'aiming' the scope just the same as you can with your head.

For scopes without parallax, ensure that the device is mounted centrally to the scope as practicable. If your scope does not have parallax you should test the accuracy before hunting.

You are able to focus the 007 more on the image than the reticle to make it better, we have a video here showing this on our FAQ Page

<https://pard.co.nz/faq/>

Videos

We have made a video of setting up a 007.

All our videos are taken in New Zealand, they show the real-world results that can be achieved with the PARD. Visit pard.co.nz and look for 'How to videos'

<https://pard.co.nz/how-to/>

Support

If you have any questions or issues with your device, please contact us via the pard.co.nz website

Some variations may exist due to variations in the firmware

Support is available Monday to Friday 9-5; after hours please email, web chat or text first

This manual is for New Zealand Only

Warranty

In New Zealand this device is warranted against defects in materials and workmanship for a period of two years from the date of purchase. This applies to the original purchaser only

Controls Overview



Unboxing

Each 007S comes with

- Comes with 1 x 45mm Collar for connecting to your scope AND 3 inserts to suit scopes
 - Approx. Sizes 0.7mm, 1.4mm, 2.3mm
 - Each will close down slightly further
 - OPTIONAL 48mm Collar with 3 inserts available
 - EXTRA Collars with inserts available
 - Contact us for Additional Sizes as we can custom make an insert
- Tape for protecting/providing grip and packing your scope
- Allen Keys for tightening the collar
- Data Cable – Used to download the Micro SD Card
 - Normally you will just remove the card to download your photos
- 1 x PARD 18650 Battery
- O Rings – These can be used to make the Collar tight with the 007

Not Included

- Battery Charger – we recommend that you use a quality battery charger
- MicroSD card, max 32gb

Battery Installation

This device uses a single 3.7v Lithium 18650 FLAT TOP rechargeable battery – please note the words FLAT TOP. We recommend using quality batteries!

The Battery is inserted Positive first. Ensure that the cap is closed tightly

NOTE

For first usage remove the battery and remove the protective tape that is over the positive terminal

SD Card Installation

If you wish to record video, insert a Micro SD card into the slot that is under the rubber cap.

Once you have installed the card; you need to FORMAT it via the menu

Setup Steps

1. Install the Collar
 - a. Select the best sized Insert for your scope's eye piece
 - b. The screws should either be at 3 or 9 o'clock for the PARD to be level
 - c. Use Electrical Tape or similar to Protect your scope and also to give something for the collar to grip on to
 - d. Don't over tighten the screws, they only need to be finger tight
2. Attach the 007 to the Collar
 - a. Pull the Locking Tab on the Left side of the 007
 - b. Align the notch in the collar, and twist the 007 to be straight up on the collar, once centred, release the tab and gently rotate the 007 until you will hear a click or the Locking tab is engaged
 - i. **Care should be taken during fitment of device to the adaptor, do not force the engagement, a slow twist and light effort allows for an audible click which confirms engagement**
 - c. To remove the 007, there is a release button on the left hand side, pull this and twist the 007 off the collar – **Ensure That you PULL the Mount Release Tab to release the Locking Pin**
3. Turn the 007 on on
4. Press the MENU Button
5. Adjust the 007 Dioptre on the eye piece so you can read the text
6. Close the Menu
7. Look at the rifle scope reticle
8. Adjust the focus knob on the 007 until the reticle is in focus
9. Ensure that 007 is level with the Reticle, adjust the collar if needed
10. Now adjust the Parallax on your scope to bring objects in to focus
11. DONE

Once the 007 is setup, you will only use the Parallax and Zoom controls on your DAY SCOPE – the focus knob and dioptre on the 007 aren't moved. If the Reticle is out of focus, correct this with the focus knob under the 007

That's it; when you remove the 007 from the scope, and replace it that's all you will do, if you move it to another riflescope you will probably have to move the focus knob to suit that scope – thats all

Watch the Video on Setting up the 007 - <https://pard.co.nz/how-to/>

Custom Inserts

If the included inserts won't fit your scope or you want a perfect fit – we can make a specific insert for you – please see our website for details

Functions

Powering up / Sleep Mode

A single long press of the power button (Approx 1 Second) will turn the device either ON or OFF

A single quick tap of the power button will activate SLEEP MODE, another quick tap will ACTIVATE the device again.

You can verify that the device is in sleep mode by the glowing LED light

IR Torch

The 007 is equipped with a very powerful IR Torch.

Focus

The lens has a variable Spot and Flood Lens; it can be Pulled/Pushed to adjust, twisting it helps adjust it, it is waterproof the resistance is the O ring to seal it

Power Levels

By pressing the IR Button you can cycle through the power levels, 1,2 and 3 and Off

Level 1 is the least powerful, level 3 is the most

Day or Night Mode

You can change the model from Colour (Day) to Night (Black/White) by a LONG PRESS of the IR BUTTON – you will hear a click

Day mode will work quite well at dusk and dawn; as it gets darker, change it to Night mode for more definition or can also be used to record something via your scope

NOTE –

- During Day Model the IR torch is disabled
- You can change the default start up setting in the menu

Digital Zoom

A tap of the bottom button will activate the digital zoom – on the screen in the lower left you will see the 1x etc telling you what level of digital zoom you have set – continue to press the button to cycle through the levels and back to 1x

If the zoom isn't centred around the reticle, see the Reticle Centre Position Adjustment in the menu to correct this

Red Dot Laser

This can be activated by the Top Button marked with a *

This can be used for showing someone where the target is

You can adjust the aim of the dot via 2 grub screws

How To Record a Video

Once you have a card inside the 007; a LONG press of the Centre OK button will start the recording – you will see a red flashing light and a timer on the screen

Press the button again to stop

WiFi Link to App

To activate the Wifi

- LONG press of the bottom Wifi button. The Wifi Symbol on the screen will go GREEN
- Search with your device for something called PARD
- Connect to it – the password is 12345678
- Open a suitable App – We recommend DashCam Player; however a number will work

Use the app to find the camera and it will be streaming – there is a slight lag however due to the WiFi

Wifi also will drain the battery much quicker (Always turn it off when not in use)

NOTE – WE DON'T PROVIDE ANY SUPPORT FOR THE APPS. Each phone is different and there can be a number of reasons for you having issues with an app. Dashcam player and iPhone have been tested

Watch this video - [Setup and use Wifi](#)

Can you use the 007 as a Handheld

Yes you can, its only a 1xish device however, but you can simply remove the device from your scope, change the focus well underneath until everything is in focus and you are ready to go; simply re-adjust the focus again when returning it to the rifle.

HOWEVER the IR is designed for long range, so it is narrow – so while it works you won't see the full screen when using it as a handheld;

Menu

To access the Menu, Tap the Right button labelled MENU

Controls

- + = Up
- - = Down
- OK = Enter or Save
- Menu – Exit and get of the menu

Reticle Centre Position Adjustment

This menu will show you 2 things

1. How Centred your scope is with the 007 (Assuming the settings are 0,0) – as long as the scope isn't a long way out you won't need to do anything – simply test that your zoom range works up to around 12-18x power (depending on scope)
 - a. The reason behind this is as you optically zoom your day scope, the exit pupil size gets smaller, hence its important to have it centred to get the most out of your optical zoom
 - b. Also its best to help remove any parallax issues that your scope is centred – don't worry if its not right in the centre – Test Fire it if you have any concerns
2. The main reason is that the 007 will digitally zoom around that set point, so if it matches your reticle, the digital zoom will stay centred on your reticle – if its set wrong and out to the right and up, as you digitally zoom, the reticle will move on the screen down and left
 - a. *NOTE – Generally you just use the optical zoom of the scope – so this isn't really relevant at all in normal use of the scope*

Pre-Record

This is a function that you can have set to note the recoil from a shot and it will store an amount of time prior to the shot and post the shot

Settings – ON or OFF

We recommend that if you want to take video, just turn the record on – get all the video and edit it to suit OR you risk missing something neat because it wasn't saved

Colour

This will set the default start up mode for the 007 – either Colour (Day) or Black & White (Night).

As this is a night scope, generally you would set it to Night mode

Brightness of IR

This will set the default start up IR Torch Level

Default is OFF, but you can select off,1,2 or 3

NOTE – we RECOMMEND that you leave this set to OFF

Brightness

This is the brightness of the screen level, 0,1,2,3 or 4

0 is the dullest and 4 being the brightest

Auto Recording

Turning this ON, will set the 007 to automatically record anytime it turned on

NOTE – we RECOMMEND that you leave this set to OFF to increase battery life

Loop Recording

This sets how long the 007 will record for

OFF = It will continue to record

3,5,10 mins mean it will record for that long and record OVER the video

NOTE – we RECOMMEND that you leave this set to OFF

Date Stamp

This will time and date stamp a recording; Leave off to NOT have this show on the recording

This only appears on a recording

Record Audio

Sets if the 007 will record audio into the video recording

NOTE – the microphone is internal, so it will not provide great audio

Beep Sound

Disables or enables the beep when you press a key while recording (this is the only time the sound appears)

Wifi

Turns the Wifi on or off

NOTE – we RECOMMEND that you leave this set to OFF

NOTE – the Menu Button will NOT work when the wifi is turned on

Exposure

Options on the cameras exposures – each will give different results depending on the amount of light available

Try it to see if something suits you better

Default is 0

Language

The software has several languages available

Date and Time

Used for time stamping the video

Format

Formats the Micro SD card – this will erase any data on the card

Default Setting

Resets everything back to factory default

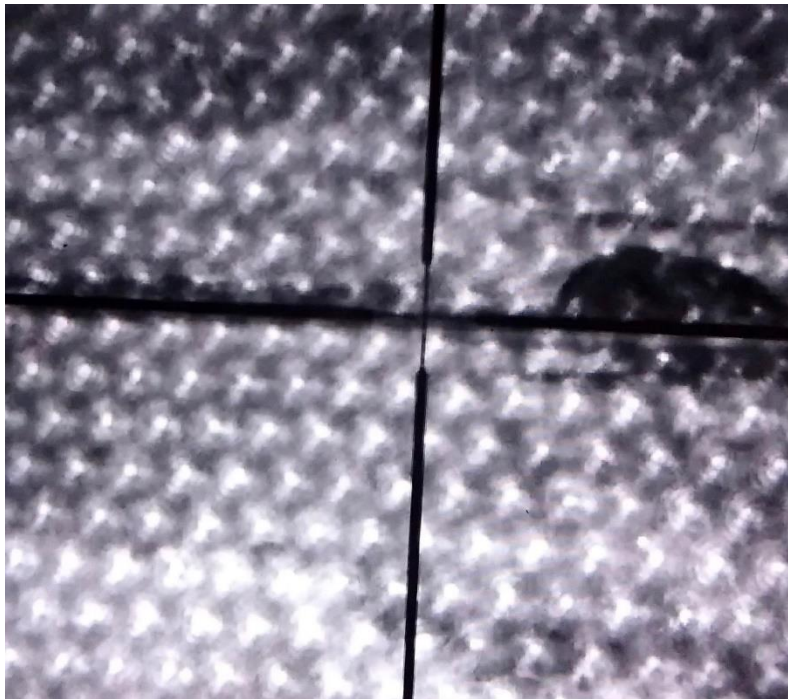
Version

Displays the Firmware Version Number

Trouble Shooting

I can see circles in the scope.

If you see something like the below image, that's actually the laser itself.



The IR Torch is focused really tightly that you can see the laser itself.

What to Do:

Simply reduce the amount of Spot/Zoom you have on the IR torch, by pushing it in slightly.

The Red Laser isn't working

Just use the default settings in the menu – This will likely re-activate it

At close ranges the screen appears all white

This is the IR and its too bright for the 007 – its set for longer ranges to give you the range, but really close, say a tree near you etc this can occur

You can adjust the sensitivity of the 007 in the Exposure Menu – you can adjust it up and down – simply do it while looking at something at that range and adjust it to suit – remember that if you want to shoot longer ranges again you may need to adjust it back