

DRIVESMART

ALPHA

Introduction:

Thank you for purchasing the DriveSmart Alpha Radar, Laser and GPS speed camera detector, powered by Laser Elite data.

We hope it gives you a safer and well informed driving experience. With its loud clear voice alerts of pending warning locations and speed limits of those areas it will allow you to drive smart and safely within the speed limits. With the constant threat of Mobile laser as well as fixed camera locations the DriveSmart Alpha is a perfect choice. Powered by the Laser Elite GPS database. The most comprehensive in the UK.

Laser Elite has the most up-to-date and sophisticated database of Mobile Laser / Safety Van / Fixed camera locations available with over 10 years of developing laser detection, diffusing and jamming devices. As one of the biggest threats to driving in the UK is mobile laser, Laser Elite was the clear choice for the database supplier.

The biggest advantage of our database is the free for life updates.

What's Included in the Box:



Alpha



Lighter Power Lead



Update Cable

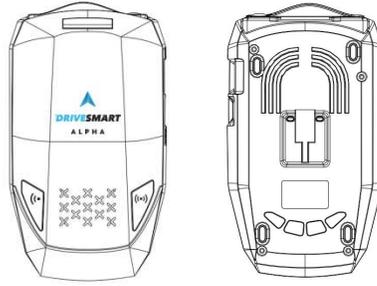


Brackets



Manual

Functions of the DriveSmart Buttons:



Top Side (Short Cuts):

- (*) GPS/Radar On/Off
- (*) Adjust Warning Distance

Under Side:

+ and - : Adjusts menu options up and down.

R: Changes the on screen real time display from miles per hour to kilometers per hour. There is voice confirm of the setting.

M: Menu Button This will scroll through the various option settings as detailed on the following pages. The volume + and – buttons will allow you to change the settings.

SPEED CAMERA DETECTION: Allows you to turn on/off fixed speed camera alerts.

TRAFFIC LIGHT CAMERA DETECTED: Turns alerts for red light cameras on/off.

SPECS START CAMERA: Turns alerts for SPECS cameras on. These are the average speed cameras you tend to get on motorway roadworks.

MOBILE CAMERA AREA: Turns alerts on for mobile camera zone hot spots where mobile vans and hand held laser guns have been reported operating in the past.

WARNING DISTANCE INCREASE: This increases the alert range when you are over 60 MPH, we would suggest having this on if you do a lot of motorway driving.

WARNING DISTANCE INCREASE FOR FIXED CAMERA WHEN SPEED OVER 60 PER HOUR ON/OFF: Warning distance will automatically increase to 800m when your vehicle is travelling over 60mph.

RADAR ON WITH GPS ALERT: To reduce all false alerts the radar detector will only become active when approaching a radar based camera included in the GPS database like a Gatso or Hadeccs camera.

If you select off the radar detector will alert to all K band radar types, this can include traffic lights and opening doors that function on K band radar.

CRUISE OVER SPEED WARNING: Allows you to get an audible alert when travelling over the set speed limit. You can set this between 20 and 90 MPH/KPH to warn you if your speed drifts above your defined limit.

CONTINUOUS ALARM FOR OVERSPEED WARNING: Sounds when driving over the speed limit inside an alert area. Can be switched on/off.

FINE CORRECTION TO GPS SPEED: Allow you to adjust your real time GPS to correctly match your speedometer. Your cars speedometer will read higher than your actual speed and at a contact speed the GPS will be showing your correct speed but if you want to adjust this to match your cars speedo you can do this here.

DISPLAY BRIGHTNESS: Has 3 levels Low / Normal / High

LASER DETECTOR ON/OFF: Allows you to turn on/off K band radar detection (Ka band is the most commonly used in the UK).

K BAND ON/OFF: Allows you to turn on/off K band radar detection (Not advised in UK as all radar based cameras use K band).

Ka BAND ON/OFF: Allows you to turn on/off Ka band radar detection (Ka band is the most commonly used in the EU).

GPS TIME ADJUSTMENT: Allows you to adjust + or - GMT on the on-screen display time to allow for British Summer Time and use around the world.

LASER DETECTION ON/OFF: Lets you choose to have laser detection active.

FACTORY RESET: Reset your settings back to the factory default ones

Connect For Power With 12v Adaptor.



Installation

Windscreen Mount



Dash Mount



The supplied windscreen bracket allows for flexible installation into any vehicle.

Make sure the suction cups are moist when applying to the windscreen.

You can also bend the bracket to suit the windscreen rake angle.

Operation:

Once you have connected the DriveSmart Alpha to the car power supply, you will get the start-up voice message.

For the DriveSmart Alpha to work via the GPS satellite system it may take up-to 2 minutes to locate and function correctly. It will show the correct time when a satellite signal is acquired and you will hear "GPS Lock" once it has gained enough satellites to accurately pinpoint your location.

You will only hear a voice alert once you are approaching a location stored in the database. You will be given an audible and visual alert limit of the speed camera area and a visual indication of the vehicle distance to the camera. This distance will countdown as your approach.

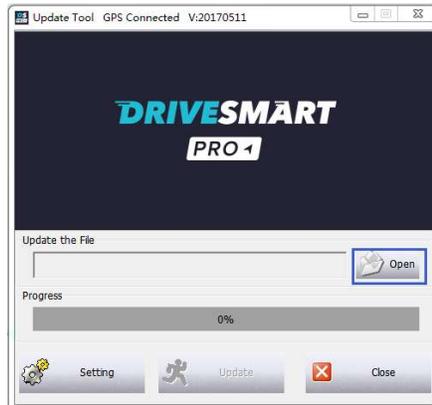
Mobile laser speed camera data is included in the DriveSmart database. Supplied by Laser Elite this will alert you to potential laser speed traps. These types of mobile alerts will show you where there has been a potential laser speed camera at some point in time.

If you feel a speed camera is missing or some other data is incorrect this can be submitted for correction through the DriveSmart website. The database is updated every 1-2 weeks.

Updating the Firmware and Database from Your PC.

Your DriveSmart Alpha has been shipped with a current database ready for you to use it out of the box. When you wish to update this database you will need to download the DriveSmart PC update tool from the website www.drivesmartpro.com along with the latest camera database. It will be named ALPHAXXX.DWN

Connect the DriveSmart via the mini USB socket you use to power it in your vehicle on the side of the unit and connect to the USB connector on our PC. The DriveSmart will give a voice alert to confirm it is in PC Update Mode and “-DL-” will be displayed on the screen to confirm download is ready. Now open the DriveSmart PC connection program to display the window on your computer.



Click on the Open folder and then select the ALPHAXXX.DWM file from whichever location you saved it to on your PC when you download it from the website.

Now click Update. The DriveSmart will now update with the latest database. You will see the progress bar moving until it reaches 100%.it will then be fully updated and the DriveSmart will reboot.



Product Specification:

Model	Alpha
Power Requirement	Input: DC12V-15V Current:200~350mA
Dimensions	116.5*63.05*33.8mm
Temperature Range	Operating -20°C~60°C Storage -30°C~105°C

Radar Specification:

Radar Bands	Frequency	Sensitivity
K BAND	23.9~24.0GHz+/-20MHZ	123+/-dB
KA BAND	34.3~37.0GHz+/-20MHZ	125+/-dB
LASER	800~1100nm	/

Help / Trouble Shooting:

No Power	<ol style="list-style-type: none">1. Check power2. Check fuse3. Check car charger
Continuous Abnormal Alarm	<ol style="list-style-type: none">1. Restart2. Check signal in car3. Check device is functioning correctly
No Voice Alarm But Has Display Alarm	<ol style="list-style-type: none">1. Check volume setting2. Restart to check again
GPS System Failure	<ol style="list-style-type: none">1. Take note of location2. Restart the GPS3. Report to the place of purchase
GPS Lock is Slow or Non Functioning	<ol style="list-style-type: none">1. Tall buildings and city driving can cause interference2. It can be normal to take up-to 5 minutes to get 1st GPS lock when unit is new3. Drive out of tunnel or enclosed area4. Check you do not have an athermic / heat reflective windscreen which generally has a purple tint.
No alarm of speed camera	<ol style="list-style-type: none">1. Download the newest database2. Report the new points to DriveSmart

Contact info

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