



# DAWSON SC ZERO 70 KA-SAT FULLY AUTOMATIC FLYAWAY ANTENNA

## Product Information

### Who is it right for?

The SC-Zero 70K solves the needs of communications professionals with a very high-quality antenna system. The very compact antenna ensures that the solution can be transported easily in most vehicles, by helicopter or air. It is much easier to assemble than many competitive products, taking normally less than 4 minutes to deploy and point.

### Where does it work?

Anywhere in the TooWay footprint so across the whole of Europe. We can help you with connectivity too with our partners, there is a free data package in the box if you select a modem kit with your antenna too, new areas being added all the time, South America and Australia very soon.

### Applications?

SD and HD Broadcast for IPTV and IP Radio with MPEG4 coders for breaking news and sports. Inmarsat terminal and ISDN replacement as well as mobile broadband the antenna system is perfect for those users that don't want to have the solution tied to a vehicle such as fire or emergency services customers as well as broadcasters.

### Can you set up the connections and Wi-Fi for me too?

Absolutely! Order the Wi-Fi or router kits and we will set this all up for you so that all you need to do is plug it all up and it will all connect automatically, easier than your home broadband! If you have a problem we are here to help too, just give us a call and we can help set up any of our supplied equipment.

### How long will it take to arrive?

Once we have your order it will take us around 2 weeks to process, build and test your antenna system, please call if you have any specific requirements though, we will always do our best to assist.

### What is the warranty?

A full 12 month return to base parts and labour warranty is included on all of our systems, they are exceptionally reliable and most bugs can be sorted on the phone, again we are here to help, we have been in business for nearly 20 years and will be here to make sure you are well looked after.



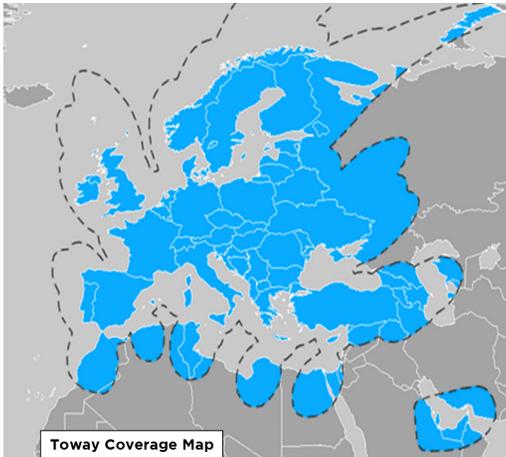
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# PRODUCT INFORMATION

## What do I get?

The Dawson SC Antenna is a fully automatic flyaway antenna system that is easily packed into three robust flight cases. It is based on the bestselling and award-winning Dawson range of professional antennas used by Emergency Services, Military and Broadcast customers all over Europe. It is just made easier to use and in a way that allows us to offer the same quality at a better price than the competition.

It's so good that we have even the 2016 Queens Award for Innovation for the product!



The system operates on the satellite Eutelsat KA-SAT as well as other Viasat networks around the world, it gives the fastest broadband possible via Satellite, depending on the package up to 22 MB and transmission rates of up to 10 Mb.

We work with our service provider EuropaSat or Network Innovations to provide a service that will allow you to send data, live video and audio, make and receive VOIP (Voice over IP) calls anywhere in Europe or within a compatible network (please ask for further details).

Its fully automatic and all you have to do is push two buttons, it's very easy, it takes about 2 minutes after assembly then you are up and running

We supply full instructions on installation and use and we also can offer full support to get you started. It has been designed by our Queens Award winning team to be easy to set up and use, we have been doing this for nearly 20 years as a company so have plenty of experience.

The antenna stows automatically with the press of a button and then can be easily packed away in a matter of minutes and can be easily transported in the back of a hatchback or estate car.

## SPECIFICATIONS

| Section           | Item  | Specification  |
|-------------------|---|--|
| Power Requirement | Prime power<br>Power consumption                              | 220 V AC (12 V DC optional)<br>Approximately 100W  |
| Physical          | Antenna box<br>Equipment box<br>Positioner box                | 850 H x 820 W x 180 D (mm) Wt 14 Kg<br>240 H x 560 W x 620 L (mm) Wt 19 Kg<br>410 H x 360 W x 1120 L (mm) Wt 34 Kg |
| Operation         | Set up / Pointing time<br>Pointing system                     | <4 minute typical Fully automatic<br>Manual over ride and emergency stow   |
| Environmental     | Temperature (use)<br>Wind speed<br>Rain                       | Minus 40 to Plus 60 C<br>70 Kph use 160 Kph stow (with ballast)<br>Fully waterproof in use                         |
| Construction      | Antenna system<br>Reflector<br>Base                           | Aluminium and stainless steel<br>ViaSat OEM part<br>Stainless steel tripod   |
| Positioner        | Elevation range<br>Azimuth range<br>Polarisation range        | 10 - 90 Degrees fully motorised<br>200 degrees +/- fully motorised<br>Automatic switching of polarity              |
| Performance       | BUC size<br>Data rate TX<br>Data rate RX                      | Standard ViaSat E TRIA<br>KA-SAT services supported<br>KA-SAT services supported                                   |
| RF                | Antenna<br>Frequency<br>Compatibility<br>Antenna size<br>Feed | Eutelsat KaSat<br>KaBand<br>Eutelsat KA-SAT<br>75 cm nominal<br>Circular Polarised KaBand                          |

