



KA-Sat Flyaway

SC-Zero 70 K EVO

KA-Sat SC-Zero 70K

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.

'Fit and Forget' reliability with long, reliable proven quality in the harshest of conditions.



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



Functionality

With fully automatic pointing, the system is simple to set up and use. A simple user interface requires no special training but gives the operator full control if required.

The controller gives single button auto find and options of manual control as standard. The OLED display gives information and diagnostic capabilities.



Design

The system has been designed taking into account Dawson's extensive experience to make the solution light, rugged and fast to deploy, while still retaining the Dawson reputation for quality and value, with the system costing a fraction of competitor's equipment.



Ease of Use

The system operates from Dawson embedded software that is pre-programmed to search for KA-SAT required satellite interfacing and controlling the modem. The operational interface is a button. The controller also provides manual control of the antenna if required as well as diagnostics to assist with the unlikely event of fault finding

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Specifications

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



Dawson
TRANSMISSION POSSIBLE

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