



MAMA BEAR

— ANTENNA —



DT18



DT26X

LONG RANGE ANTENNA

20 km
DATA/C2 LINK RANGE

5 min
DEPLOYMENT TIME

photo/video
STREAMING

Automatic
TRACKING ANTENNA

With the Delair-Tech Mama Bear Antenna, benefit from long range communications (Command & Control and Video Datalink) enabled by the fully automated high gain tracking antenna. Robust and easy to use, MAMA Bear is deployed within minutes in the field by a single operator.

FEATURES

- Fully autonomous antenna
- Easy Transport, Rugged Case / backpack, 5 min setup time
- Automatic Motorized Tracking Antennas

Power supply	Battery (5 hours)
Embedded system	4-core 1GHz linux computer
Tracking antenna	Accurate automatic UAV tracking
Dimensions / Weight	L 113 x W 43 x H 20 cm / 15 kg
Deployment time	5 minutes
Operations	Flight Control computer* or tablet connected via Wifi or ETH Multiple clients supported.
Communication links	C2 / Datalink / Safety link / 3G**
Radio links range	Up to 20 km***
Encryption	AES128/256
Connectivity options	3G for extended flight range**. Satellite broadcasting (SAT Bear)

Mama Bear offers a triple communication link strategy with hot redundant command and control (C2) links ensuring safe operations. The communication links allow operations up to 20 km in range.

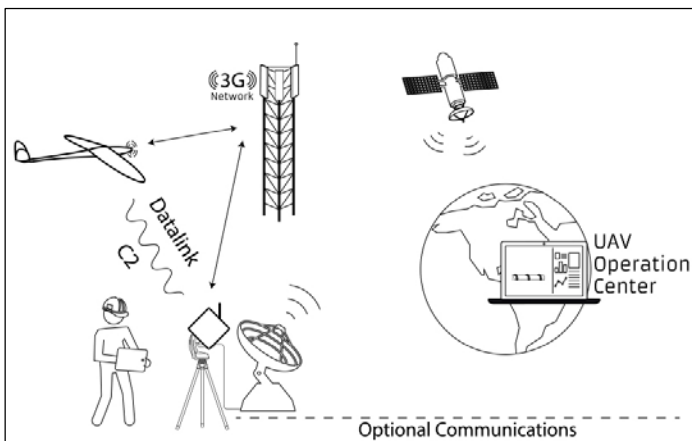
With the 3G option, forget about C2 range limitation, regardless of the terrain configurations ! With the SAT Bear option, broadcast the UAV video to your users live through a high speed satellite internet connection.

The Delair-Tech Mama Bear antenna comes with its rugged flight case or a handy backpack and is the perfect tool when it comes to long range flights on unprepared fields of operation. With Mama Bear GCS, experience our fully featured advanced graphical Solapp.

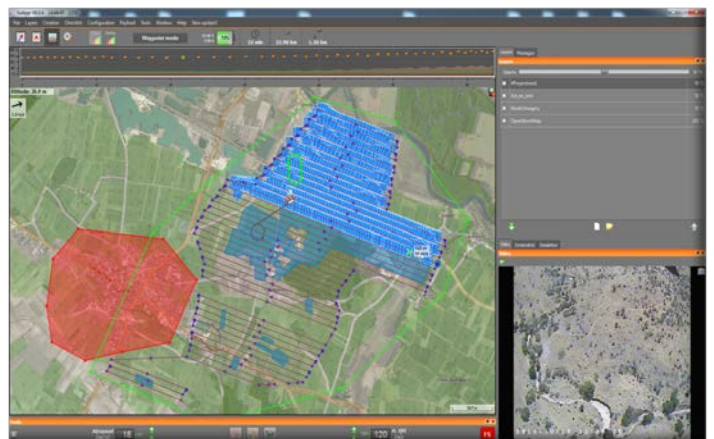
* Solapp host PC not provided: ask for host PC specifications.

** 3G communication to the UAV is available as an option

*** Depends on the environment



Communication architecture with MAMA Bear GCS



Solapp Flight control software (see Solapp datasheet)

