

CROW - RFSA

RADIO FREQUENCIES SPECTRUM
ANALYSIS DRONE.



DESIGNED
& MADE IN FRANCE



CROW is a modular flying platform.

In its **RFSA** version it allows accurate RF measurements and positioning thanks to a fully embedded spectrum analyser with real-time interaction.



DEDICATED USER INTERFACE FOR
REAL-TIME ANALYSERS CONTROL



GPTS RTK POSITIONING



AUTOMATED OR MANUAL
FLYING MODES



EASY TO TRANSPORT,
ONLY ONE SUITCASE





| 2 SWAPPABLE SPECTRUM ANALYSERS :

Tektronix 9 kHz - 6 GHz
Anritsu 6 GHz - 110 GHz



| EXAMPLES OF ONBOARD ANTENNAS :

Eband Vband
PowerLOG 40400
HyperLOG 6080
Pre-amplifier

Unique features

| FULL INTEGRATION DRONE / SPECTRUM ANALYSER

Analyser control from the drone Ground Station

3 data capture modes : - Manual measurement

- Automated following a flight plan / measurement plan
- Continuous channel power measurement

Automatic report generation : detailed (.pdf) / 3D visual (.klm) / raw (.csv)

CROW - RFSA is already in operation on customers' sites with 2 tested and approved analysers and 4 antennas mounted on a stabilized gimbal, covering the full spectrum from 9kHz up to 110GHz.

Delair can integrate other analysers or antennas according to the customers specific needs.

Technical specifications

MTOW	5.75 kg
Payload	up to 2 kg
Battery	Li-Ion 3S 6P 9Ah
Endurance (based on payload)	15 to 25 min
Power	4x T-MOTOR MN5008 400kV + NS17x5.8 propellers
Safety	Easily removable parachute and IFTS
Type certified for French S1, S2 et S3 (urban environment) (EASA STS soon)	
Take-off and landing	Automatic
Positioning	GPS RTK



| TRANSPORT

Suitcase 67 x 67 x 39 cm

System fits in a 67 x 67 x 39 cm suitcase (HPRC 4600 WHEELED)