

DT 46 LiDAR

LONG RANGE SOLUTION FOR HIGH PRECISION LiDAR AND RGB DATA.



Flight time

Catapult 4h*
VTOL 2h*



100 km

Communication range
Fully encrypted



< 15 min

Deployment time
VTOL / Fixed-wing
swappable



VTOL

Take-off & land anywhere
small foot print



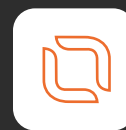
Security

Designed for BVLOS
regulation



Light Packaging

Mobile and transportable
in a pick-up



Rugged Delair drone

Designed and made
in France



1 cm

Precision & Accuracy



DESIGNED
AND MADE IN
FRANCE



25 KG
without payload

VTOL



20 KG
without payload

FIXED WING

Payload

up to 5kg **

Communication Range

100 km with AES-256 encryption & IAS + 3G/4G

Endurance

2h*

4h*

Deployment

15 min

Operating conditions

-10°C to +50°C / max wind 16m/s (above 100m ground)

Take-off and Landing

Fully Automatic
10m x 10m

Fully Automatic
150m x 30m

PAYLOAD

Productivity
at 16m/s

820 Ha/Hour at 120m AGL | 1370 Ha/Hour at 200m AGL | 2060 Ha/Hour at 300m AGL

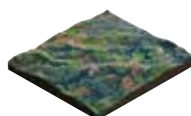
Points per square meter
at 16m/s

330 pts/sqm at 120m AGL | 65 pts/sqm at 200m AGL | 22 pts/sqm at 300m AGL

PLAN

OPERATE

PROCESS & ANALYSE



- > Automatic flight planification with DRAKO
- > Operate : fully autonomous drone solution
- > Process & Analyse with YellowScan CloudStation

INDUSTRIES



Geospatial



Power & Utilities



Mines & Quarries



Railways & Roads



Oil & Gas

LiDAR Voyager System



YellowScan

RIEGL
VUX-120²³

applanix
AP+ 30 Air / AP+ 50 Air

- > Offering an operating altitude of up to 440 meters
- > Featuring a 100° Field-Of-View
- > Data acquisition rate of up to 2.4 million shots/second
- > Up to 32 echoes

RGB Camera module



- > 61 MP
- > Featuring a 90° Field-Of-View
- > Colorized pointcloud
- > Orthophoto generation

FEATURES

- > Anti-jamming IAS (interference avoidance scheme) function
- > Redundant cellular network with VPN
- > LiDAR & RGB data collection in 1 single flight

SECURITY

- > ARP 4561
- > Emergency parachute
- > Geocaging automatic and independant of flight control
- > Detect & Avoid (front security camera)
- > FLARM / ADS-B
- Functions can be desactivated in military mode