



The future of Surveying - *Photogrammetry made easy*

### **Technical Specifications:**

**Weight:** 2,5kg;

**Endurance:** up to 25min;

**Cruise speed:** 10m/s

**Wind resistance:** up to 20 knots

**Area coverage:** in one flight with 2.5cm GSD: up to 60Ha;

**Camera GSD:** 1,5cm at 60m;

**Mapping positional accuracy:**

2cm in XY and 2,5cm in Z;

### **Included with each TopoDrone 4Scight:**

#### **Software:**

- **DMX Mission Control** - easy mission pre-flight planning;
- easy flight control of the drone for mission flights;
- **DMX-EzeyMap Powered by Pix4D:** Photogrammetric mapping made easy!

#### **Hardware:**

- **Our Unique PPK\* Direct Georeferencing Solution:**
  - Mapping with NO ground control;
  - Increased mapping accuracy;
  - Dramatically reduced processing and data delivery time;
  - Mapping “challenging” types of terrain

#### **4Scight multi-rotor:**

- ◆ Centrally balanced brushless gimbal stabilization ensures positional stability of camera sensor as well as rotational stability
- ◆ Ducted rotor design - uniquely efficient
- ◆ Non-conductive frame
- ◆ Mechanically simple - low maintenance
- ◆ Quiet: < 65 dBa @ 3m
- ◆ Safe

#### **OPTIONS:**

- **Integrated 20Mp camera on the Dynamic Stabilised Active Mount;**
- **Dual Thermal/Optical cameras for inspection - with interchangeable Dynamic Stabilised Active Mount;**

[www.dronemetrex.com](http://www.dronemetrex.com)

## About the TopoDrone 4Scight:

DroneMetrex and Scientific.Aerospace have combined their world leading technologies to create a "Strategic Alliance" to deliver to industry a photogrammetric mapping solution saving many years and tens of millions of dollars of research by each company.

Building on the advantages of Scientific Aerospace's industry-proven experience over 6 years in 6 continents, their unique designed and technically advanced multi-rotor drone is a perfect combination to Dronemetrex world-leading mapping accuracy technology to produce the world's most accurate, safest and easiest complete mapping system.

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