



Aircraft

Dimensions	: 1800 mm x 1350mm
Weight	: 2.7kg
Flight time	: ~60 minutes
Battery	: Li-Po 14.8V 8000mAh
Autopilot	: Industry standard Microprocessor AP with IMU, Electronic Compass, Airspeed Sensor, Auto Hand Launch and Landing functionality, Redundant GNSS Receiver for basic navigation and "Return Home and Landing".
Camera	: SONY QX-1 modular Image Sensor with 20.1MP and interchangeable lens capability, Wi-Fi and removable Micro SD-card
Supplied optics	: 16 mm calibrated fixed focus lens.
GNSS RTK Receiver	: SatLab "Sponge" Dual frequency RTK GPS/GLONASS/BEIDOU GNSS Receiver based on Novatel OEM6 technology
Radio	: 433Mhz Tranceivers for RTK corrections
Radio Control	: Jeti DC16 EX 2.4 GHz Transmitter
Altitude	: 60-200 meters
Typical Cruise Speed	: 50 km/h
Temperature, operation	: -10 to +50 °C
Temperature, storage	: -20 to +60 °C



Ground Station

Computer	: Intel Atom Processor, 1.83GHz, Intel HD Graphics, HDMI, 2 x USB Port, Wi-Fi, Bluetooth, 2GB RAM, 160GB SSD Storage
OS	: Windows 10 / Android
Radio	: 433MHz Tranceiver for RTK Corrections
Radio Control	: Jeti DC16 EX 2.4 GHz Transmitter
Display	: 10.1" TFT LCD 1024 x 600 Pixel Mission Planning Software Mounting Hardware
Temperature, operation	: -10 to +50 °C
Temperature, storage	: -20 to +60 °C



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