

## Aibotix X6v2 RTK



Year of Purchase:2017

Cost: 40.15 Lac

The Aibot X6 is an autonomously flying hexacopter, specifically designed for demanding tasks in surveying, industrial inspection, agriculture and forestry. Equipped with a high level of artificial intelligence, this UAV reaches any target and can independently create high resolution images and videos. An unmatched feature of the Aibot X6 offers the possibility to adapt varying kinds of sensors such as hyper- and multi-spectral sensors, infrared and thermal sensors, and sensors for other industry-specific missions. A new spin on photogrammetry Surveying of the future is not fixed and static, but dynamic and flexible. With the data captured by the Aibot X6 commercial UAV and the software solutions of Aibotix and Hexagon, you can generate orthophotos, 3D models and high-density point clouds with great accuracy. The flight planning software Aibotix AiProFlight makes it simple to obtain all the parameters essential for proficient photogrammetry.

### Specifications

| Feature               | Specifications   |
|-----------------------|--|
| Length/ Width/ Height | 1.05 x 1.05 x 0.45 m   |
| Housing               | CFRP (Carbon Fiber Reinforced Polymer)   |
| Take-off weight       | 4.6 - 6.6 kg   |
| Max. payload          | 2.0 kg   |
| Max. speed            | 40 km/h (25 mph)   |
| Climb rate            | 8 m/s  |
| Flight height         | Up to 500m (1,640 ft.) over ground, up to 3,000 m (9,843 ft.) above sea level start point  |
| RC range              | Up to 1,000 m  |
| Flight time           | Up to 20 min   |
| Operating temperature | -20° C to 40° C (-4° F to 104° F)  |
| RTK                   | Yes  |
| GPC-receiver          | Yes  |
| Standard sensors      | Sony ILCE-6000, Sony ILCE-7R, Workswell WIRIS 640, Parrot Sequoia, Headwall Nano-Hyperspec |
| Control               | Remote control, automatic waypoint flight  |
| Software              | Aibotix AiProFlight  |

|                  |   |
|------------------|---|
| Service          | Service team, hotline, pilot training   |
| Sets + Equipment | On-top camera mounting, digital live video Aibotix Ai DLVP, standard sensors, RTK Aibot HP GNSS 2 |