

OV1



Flagship Locator for the Artillery

OV1

Light Quadrotor Drones



Compact, Portable

A4 size after folded, easy to be carried
Weight: 2.3kg ,

Performance

63minutes long time endurance;
· 15 km image transfer;
· 23m/s speed;
· load 3kg;
· 5000m altitude taking off;
· 7 level wind proof;

One remote control to control two drones;
Two remote control to control one drone;
With maximum payload, max speed 15m/s;

10m obstacle sensing range (building, trees, telegraph pole, tower);
front:0.7m~40m (big metal target: 80m);
Right/left:0.6m~30m (big metal target: 40m);
Up/down:0.6m~25m;
Environment: there is enough texture, enough light(>151ux);

Safety

80meter sensing in all the direction to avoid the obstacles;

Alloy aluminium, fiber feet and arms;
IP45 protection;

20 - 55 working temp 4G image transfer;

Multi-sensor for stable flying;
RTK precise locating;

Touch screen remote control

- 7.02 inch touch screen
- 1920*1200 resolution
- 1200cd/ m² brightness
- Battery of 1.25kg , light design
- Built-in battery : 3.3 hours endurance
- Built-in and out battery : 6 hours endurance
- IP54 protection
- Running storage 4G , local storage 64G , extendable 128G

Optical camera:

Focus camera : 4800 megapixel ;
18Xzoom
Wide camera : 48 megapixel ;
DFOV 79°

Thermal : 640*512
Focal length: 13mm
LRF : 5 ~ 1500m
Accuracy : 1m
Weight : 930g



