

# OV1



Flagship Locator for the Artillery

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## 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(>15lux);

## 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/ m<sup>2</sup> 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



