

# APel-2000 High Altitude Positioning Module

## Preview



## Features

A high-altitude image positioning module, integrating visible light camera / infrared camera, and laser rangefinder. It outputs WGS84 coordinate positioning data in denied environments, effectively solving UAV flight positioning problems under GNSS interference.

The products are mainly used in high-altitude UAVs, cruise missiles and other equipment to achieve the normalization of high-altitude and large-scale flight missions in a denial environment.

## Performance Advantages

- All day & all weather support;
- Lightweight design;
- CNC one-piece molding aluminum shell.
- Strong Air-to-Ground vision adaptability (suitable for fields, mountainous areas, grasslands, and other scenarios).

## Tech Specs

Type	Specs
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Operating Altitude	300-2000m
Positioning Accuracy	Height *5 % (IR) / Height * 3% (visible light)
Positioning Frequency	1 Hz
Laser Ranging	2km
IO Interfaces	Ethernet, RS232
Installation Size	Sensor Module: 60*60*60mm; Main Control Unit: 100*60*25mm
Installation Weight	Sensor Module: 200g; Main Control Unit: 110g
TDP	15w
Operating Temperature	-40°C to 55°C