

Eagle EYE

UAV EYE

Precision Altimeter

• MIN ALTITUDE	: 2 Meters
• MAX ALTITUDE	: >1500m (5000ft) (Eagle EYE) / 100m (UAV EYE)
• ALTITUDE ACCURACY	: ± 1 m or 3% (Eagle EYE) / ± 0.1 m precision (UAV EYE)
• VECTORIAL VELOCITY	: Up to 6 Mach (2000m/s)
• COMM.	: RS422 / RS485
• UPDATE RATE	: 100 Hz
• POWER CONSUMPTION	: <10 W
• INPUT VOLTAGE	: 18-32 VDC
• OPERATING TEMP.	: -40° C / +71° C
• SYSTEM WEIGHT	: <600g
• DIMENSION	: 194 x 125 x 42 mm

UAV EYE mode is a switchable mode for landing and take-off from flat run ways

Reliable Altitude Measurement for Critical Missions



PRF Ar-Ge Müh.San. ve Tic. A.Ş.

Key Features:

- **High Accuracy:** Altitude measurement better than ± 0.1 m precision (UAV EYE) or ± 1 m or 3% (Eagle EYE)
- **Wide Range:** Operates from sea level up to 5000 ft
- **Robust Design:** Shock and vibration resistant for harsh environments
- **Fast Response Time:** Real-time altitude updates every 10 milliseconds
- **Lightweight & Compact:** Weighs less than 600g, easy to integrate
- **Digital Interface:** Supports RS-422/RS-485 communication protocols

Compatibility:

- Compatible with most airborne platforms and weapon systems
- Integrates seamlessly with autopilot and navigation systems

Operational Support:

- Built-in self-test for reliability verification
- Designed for easy calibration and maintenance in the field

Applications:

- Ideal for precision-guided munitions, UAVs, and manned aircraft requiring accurate altitude data for enhanced mission performance.

Trust Precision of the EYE for altitude accuracy you can count on.



PRF Ar-Ge Müh.San. ve Tic. A.Ş.

info@prfarge.com.tr

[linkedin.com/company/prfarge/](https://www.linkedin.com/company/prfarge/)

www.prfarge.com.tr