

AH3A ATTITUDE INDICATOR & STANDBY INSTRUMENTS



AH3A integrates GPS&BDS system and MEMS pressure sensor, external attitude and heading module, adopts 3.5" LCD highlight display, readable in sunlight, adjustable display brightness, and switchable Chinese/English interface.

Display Parameters:

- ATTITUDE
- SLIP
- HEADING
- ALTITUDE
- AIRSPEED
- VERTICAL SPEED

It adopts the installation dimension of traditional instruments, 86×86mm size without modifying the dashboard, and can be installed directly on the 3-1/8" instrument hole.

Now works with any 5V standard portable battery (power bank, battery capacity $\geq 1000\text{mAh}$) as emergency power supply, and safer to use (no charge on the plane - portable charger can be easily taken away and recharged on the ground), and is safer to transport (remove the need to ship battery together with the gauge).

Using MicroSD card as the storage solution - has large data storage capacity and can store flight records for tens of thousands of hours. Stored flight records can be exported via USB portal.

It is an n-in-1 gauge. As a backup instrument, it integrates attitude indicator, altimeter, airspeed indicator and compass. It also has vertical speed and slip indication.

It can be used as an upgrade to the traditional dashboard. It not only adds the artificial horizon, but also has more accurate altimeter, airspeed indicator, vertical speed indicator, compass and slip indicator as backup and reference. It also enables the aircraft to store flight records and stride into the era of digital display.

The attitude and heading module can also be carried on the rear panel of the instrument.

Main technical parameters:

- Monitor size: 86 x 86 x 34.6mm;
(The sockets, ports, etc. of the back panel are not counted)
- Monitor weight: 0.3kg;
- Active display area: 70.08×52.56mm²(3.5");
- Resolution: 320×240;
- LCD: TFT;
- Brightness: about 800 cd/m²;
- Viewing angle: 65° left & right & up, 55° down;
- Working voltage: 10~30 VDC;
- Backup(Emergency) power voltage: 5VDC
- Power: <3W(at 12V);
- Storage: TF card;
- Operating temperature: -20~+70 °C;
- Storage temperature: -30~+80 °C;
- Humidity: $\leq 40\%$ RH M