Hemisphere®

ACCELERATED PHANTOM & VEGA INTEGRATION

atlas®

Empower your team to develop your Hemisphere enabled solution quickly and with minimal effort using the Universal Development Kit. It provides the necessary components for easy evaluation and integration development. Minimize your time to market and maximize your team's efficiency.
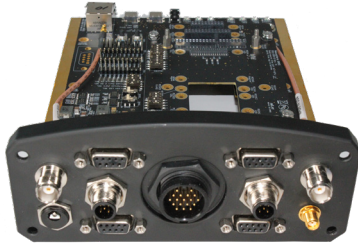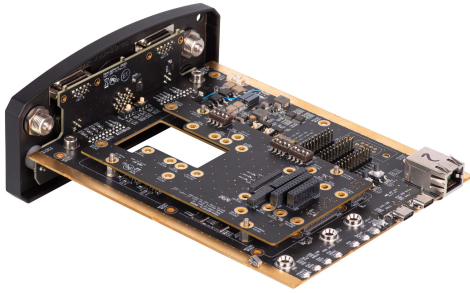
Key Features

- Supports all features on Phantom and Vega OEM boards

- Remove thumb screws for easy desktop access

- Included robust aluminum enclosure for durable mobile testing

- Multiple LEDs provide status information at a glance

- Communicate using USB-C, CAN or RS-232, and also supports boards with Ethernet Web UI

- Breaks out pins to access signals directly

- Switch-select options, no jumpers needed

- Compatible with multiple boards and future systems

Development Kit Contains

- Enclosure front and back panels and outer shell
- Main carrier board for 60-pin board support
- Adapter board for 20-, 28-, 34- and 40-pin board support
- Phantom and Vega board mounting hardware kits
- Universal AC power supply
- Ethernet cable
- USB-C to USB-A cable
- Straight serial cable
- Null-modem serial cable
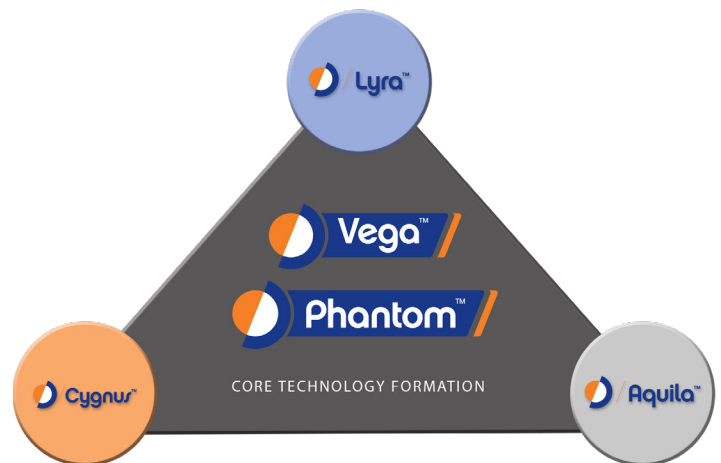- Internal Phantom and Vega RF cables
- User guide

Communications

- Depends on receiver installed
- Up to 5 RS-232 ports
- Up to 2 RS-422 ports
- Up to 2 CAN ports
- Up to 2 USB ports
- Ethernet
- Up to 2 GNSS antenna
- Valid position indication
- Other GPIO pins
- 1 PPS output
- VARF output
- Manual Mark input
- Up to 2 Manual Mark buttons
- Reset button

Power

Input Voltage:	8 to 32 VDC or USB 5V
Antenna Voltage:	as per receiver installed
Antenna Gain Input Range:	as per receiver installed

Mechanical

Dimensions:	210 L x 160 W x 78 H (mm) 8.25 L x 6.25 W x 3.1 H (in)
Weight:	1.0 kg (2.2 lbs)

GNSS Receivers Supported

- Phantom 20
- Phantom 34
- Phantom 40
- Vega 28
- Vega 40

Also Compatible with Legacy Receivers

- P206
- P207
- P306
- P307
- P326
- P327
- P328

Features and Accuracy

- As per the user-installed receiver

CORE TECHNOLOGY FORMATION

Lyra™ Vega™ Phantom™ Cygnus™ Aquila™

Hemisphere GNSS

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