

ACE III GPS Starter Kit

The ACE III Starter Kit comes with the ACE III module attached to a motherboard in a sturdy aluminum box. The metal enclosure has dual RS-232 ports and can be powered by 9-32VDC which makes it very easy to use.

Trimble's ACE III GPS module integrates a powerful 8-channel, 32-correlator design into a small footprint [3.25"L x 1.83"W x 0.45"H] and is a direct replacement for the ACE III.

Capable of receiving differential corrections for 2-meter accuracy, it also offers fast GPS signal acquisition and low power consumption, making it ideal for mobile applications.

Includes support for Trimble's three popular data protocols: TSIP, TAIP and NMEA.

TSIP is a powerful binary data protocol that offers complete configuration control and extensive GPS data messages.

TAIP is a popular ASCII data protocol designed for vehicle tracking applications.

NMEA is the industry standard ASCII message protocol for marine applications.

Dual independently configurable RS-232 serial I/O communication ports make the ACE III Starter Kit extremely flexible and easy to test for application suitability.

Starter Kit Contents:

- **ACE III GPS module**
Mounted on an interface motherboard in a durable metal enclosure with dual DB-9 connectors.
- **12V RS-232 Interface Unit**
A durable metal enclosure with an RS-232 serial interface and a 9 to 32 VDC switching power supply which provides a regulated +5 VDC to the ACE III receiver.
- **Magnetic-Mount GPS antenna w/ 5 meter cable**
- **RS-232 Interface Cable**
- **AC/DC Power Adapter**
- **ACE III Toolkit Disk**
Interface programs and source code to assist with application development.
- **System Designer Reference Manual**
Installation and configuration instructions for the ACE III GPS module. Contains complete protocol message descriptions.

Additional software resources are available on the Trimble website at <http://www.trimble.com/oem>.



T

Trimble Navigation Limited
Corporate Headquarters
645 North Mary Avenue
Sunnyvale, CA 94086
+1-408-481-8940
+1-408-481-7744 Fax
www.trimble.com

Trimble Navigation Europe Limited
Trimble House
Meridian Office Park
Osborne Way
Hook, Hampshire RG27 9HX U.K.
+44 1256-760-150
+44 1256-760-148 Fax

Australia Pty Limited
Level 1/123 Gotha Street
Fortitude Valley QLD
4006 AUSTRALIA
+61-7-3216-0044
+61-7-3216-0088 Fax

Trimble Navigation
Singapore PTE Limited
79 Anson Road
#05-02
Singapore 079906
+65-325-5668
+65-225-9989 Fa