

# ORBCOMM Development Kits

Develop and test your  
industrial Internet of  
Things solution.



ORBCOMM® development kits contains all the hardware and software you need to easily integrate our terminals into your solutions to get to market faster. There's a specific development kit for each model of terminal. Each kit contains a development terminal or a desktop terminal, a software toolkit, Bluetooth capability, power supplies, cables and adaptors, free activations and airtime, technical documentation, a quick start guide, and free technical support.

## Software Toolkit

The software toolkit includes all the software tools you need to write your terminal application and integrate it with your backend software. The toolkit includes a development environment, a modem simulator, a console command line interface, a messenger application, code samples, documentation and much more. Download the software toolkit from the ORBCOMM support portal.

## Development Terminals and Desktop Terminals

All our development kits include either a development terminal or a desktop terminal. These terminals are used to develop and test your application without the need for a satellite connection. This gives you the ability to develop your terminal application from the comfort of your office or lab. These terminals are used in conjunction with our software toolkit, which includes an application that simulates the IsatDataPro satellite network.

A development terminal is included with the ST 6100 development kit and includes an integrated I/O interface board that allows for testing with various inputs and outputs.

Desktop terminals are included with the IDP-782 and IDP-600/IDP-800 development kits and use an external I/O interface board and cables to achieve the same effect as a development terminal.

Details are in the parts list associated with your terminal specific development kit.

## Bluetooth Capability

The Bluetooth dongle enables you to evaluate satellite network connectivity, see the location, speed and heading of the terminal on a map, and send over-the-air messages to and from the terminal. The dongle connects directly to an ORBCOMM satellite terminal and via Bluetooth to the ORBCOMM Field Support Tool (FST) mobile app (iOS only). Instructions to download the FST mobile app can be found in the ST6100 Development Kit User Guide in the support portal under Getting Started Docs.

**Speed solution  
development and testing**

**Includes all required H/W,  
power supplies, connectors  
and cables**

**Software toolkit available  
via free download**

**Free technical support  
and airtime**



The Bluetooth dongle is currently only included on the ST 6100 development kit. For other development kits, the Bluetooth dongle can be ordered separately.

Each ORBCOMM satellite terminal has its own development kit that includes slightly different components, listed below.

#### ST 6100 Development Terminal

- Development Terminal
- Bluetooth dongle
- Magnetic base kit (4 magnets with mounting hardware)
- Development cable
- Extension cable
- DC power adapter
- AC power adapter
- International power adapter
- Power extension cable
- USB to Mini-USB adapter
- USB extension cable
- USB/RS-485 adapter
- DB9 male-to-male adapter

#### IDP-782 Development Kit

- IDP-782 desktop terminal
- Cellular antenna
- I/O interface board
- Development cable
- AC power adapter
- Power extension cable
- Driver ID FOB kit
- USB type A to USB mini-B connector (2m)
- International power adapter
- 4-Pin CAN Bus flying lead cable

#### IDP-600/IDP-800 Development Kit

- IDP-600 desktop terminal
- I/O interface board

All development kits include \$400 airtime valid for a 3-month period.

**Note that development kits do not include a satellite terminal. These must be ordered separately.**

- IDP-600 magnet base kit (4 magnets with mounting hardware)
- IDP-800 magnet base kit (6 magnets with mounting hardware)
- Development cable
- Adapter cable IDP-800 to IDP-600
- Extension cable
- DC power adapter
- AC power adapter
- International power adapter
- Power extension cable
- 3 USB RS-232 adapters
- 3 USB extension cables
- USB/RS485 adapter
- Compact USB hub (4 port)
- DB9 male-to-male adapter
- USB flash drive
- Phillips screwdriver

#### Ordering Information

- ST 6100 Development Kit - ST100679-001
- IDP-600/ID-800 Development Kit – ST100231-001
- IDP-782 Development Kit – ST100340-001
- Bluetooth dongle - ST100967-001
- IDP 4P CAN Bus to OBD-II C/A 1.8m cable – ST100344-001
- IDP Garmin development cable – ST100220-001
- 1-Wire I/O Expander – ST100429-001

## How to Buy

Terminal apps are available by subscription. Subscription fees are charged monthly for each activated terminal. To find out more, contact your ORBCOMM account manager or [sales@ORBCOMM.com](mailto:sales@ORBCOMM.com)

ORBCOMM (Nasdaq: ORBC) is a global leader and innovator in the industrial Internet of Things, providing solutions that connect businesses to their assets to deliver increased visibility and operational efficiency. The company offers a broad set of asset monitoring and control solutions, including seamless satellite and cellular connectivity, unique hardware and powerful applications, all backed by end-to-end customer support, from installation to deployment to customer care. ORBCOMM has a diverse customer base including premier OEMs, solutions customers and channel partners spanning transportation, supply chain, warehousing and inventory, heavy equipment, maritime, natural resources, and government. For more information, visit [www.orbcomm.com](http://www.orbcomm.com).