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, 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.

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

Bluetooth Capability
The ORBCOMM ST Support Tool mobile app (iOS & Android) enables you to interface directly with the device via Bluetooth and 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 device. Instructions to download the ST Support Tool mobile app can be found in the Development Kit User Guides and in the support portal under Getting Started Docs. For devices without native Bluetooth connectivity, a Bluetooth dongle is included in the associated Development Kit.

Speed solution development and testing

Includes all required hardware, power supplies, connecters and cables

Software toolkit available via free download

Free technical support and airtime

Each ORBCOMM satellite device has its own development kit that includes slightly different components, listed below. All kits include $400 airtime valid for a 3-month period.

Note that the ST 2100 and ST 6100 development kits do not include the satellite device. The ST 2100 modem or the ST 6200 terminal must be ordered separately. The ST 9100 kit does not require a separate terminal.

ST 9100 Development Kit

- Development terminal with cellular antenna
- Satellite antenna
- DC power adapter
- AC power adapter
- International power adapter
- Magnet kit with tether
- Power extension cable
- USB/RS-485 adapter
- I/O Simulation Box
- I/O to ST 9100 terminal adapter
- I/O to development cable adapter
- Wireless temperature sensor
- Wireless door sensor
- Development cable
- Driver ID FOB kit
- M12 CAN bus to flying leads cable
- M12 CAN bus to J1939 Deutsch
- M12 CAN bus to 2x OBDII
- CANGO click cable
- Terminal shroud
- Mating connector
- USB/RS-232 adapter
- DB9 female terminal block
- USB to mini USB cable
- Bluetooth computer adapter

ST 6100 Development Kit

- 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/RS-485 adapter
- USB/RS-232 adapter
- DB9 male-to-male adapter

ST 2100 Development Kit

- ST 2100 emulator
- Bluetooth dongle
- Development cable
- Magnetic base
- Extension cable (3m)
- AC power adapter
- DC power adapter
- International power adapter
- Dual banana plug
- USB/RS-232 adapter

Ordering Information

- ST 9100 Development Kit Americas: ST101356-001
- ST 9100 Development Kit Global: ST101356-002
- ST 9100 Development Kit Saudi: ST101356-003
- ST 6100 Development Kit: ST100968-001
- ST 2100 Development Kit: ST101004-001
- Bluetooth dongle: ST100967-001

Although we strive to ensure accuracy in all of our published specifications, actual field performance can vary depending on a variety of environmental, installation and usage factors, as well as third-party factors such as cellular providers. The specifications listed are approximations, and do not constitute binding statements or modify the terms and conditions of purchase or lease including, but not limited to, product operational limitations and warranties.All specifications are subject to change without notice. Please check www.orbcomm.com to ensure you have the latest version of these specifications.

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

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