

Technology

AIRDESK offers the most extensive selection of best-of-breed wireless data communications technology and hardware available anywhere.

Our extensive selection of technology and hardware ensures that you get the best solution for your project at the best possible price. International distribution agreements with leading vendors allow us to bring our customers the latest in wireless data modules and components from the industry's most progressive manufacturers:



In addition, we have built relationships with thousands of technology and integration companies, earning us one of the most credible distribution channels in the M2M industry.

AIRDESK delivers dependable products that access mission-critical information wherever and whenever it is required.

Embedded Modules

AIRDESK provides Original Equipment Manufacturer's (OEM) embedded modules that support all major worldwide cellular technologies. AIRDESK maintains direct relationships with only the best-in-class vendors for these popular products. Embedded modules are used as the wireless engine in a vast array of fixed and mobile M2M data applications.

AIRDESK has established itself as a leading source of wireless modem solutions to OEMs. High demand for access to wireless data is crucial to commercial and industrial enterprises with dynamic machine-to-machine requirements. The most demanding customers in such sectors as security, vending, public utilities, transportation and field service employ wireless embedded modules to increase productivity and efficiency.

Wireless Modems

AIRDESK provides wireless modems that support CDMA/1XRTT and GSM/GPRS technologies. AIRDESK maintains direct relationships with only the best-in-class vendors for these popular products. External wireless modems are used to shorten the development time.

The benefits of deploying an external modem versus an embedded module are:

- Time to market is greatly reduced
- Network/carrier approvals are not required or are minimal
- Component sourcing simplified to reduce cost
- Rugged enclosure addresses environmental specifications
- Antenna and data connectivity standardized

Development Tools / Integration Packages

AIRDESK offers integration packages that are specific to each wireless module manufacturer. Each of these integration packages contains all of the components required to ensure a fast and economical deployment.

AIRDESK also provides software and modem developer kits (MDK/SDK) as a primary tool to support you during the integration process. Our past experience with developers has proven that time to market and product development costs are greatly reduced through the use of these tools.

Benefits of Wireless MDK/SDKs include:

- Simple/Standard interfaces to the embedded modem
- Typically includes all items necessary to test all applications on a limited basis.
 - All developer products purchased through AIRDESK gives you access to our technical support staff as well as direct factory support facilitated by AIRDESK.
 - Motherboard
 - Antenna
 - Cables
 - Power Supply
 - Integrators Manual

Antennas & Cables

AIRDESK carries the most comprehensive selection of antennas, specialty cables and accessories in the M2M industry. Our experience and expertise in the M2M marketplace enables AIRDESK to assist you in finding the optimal solution for your application. We match best-in-class antenna and cable manufacturers (both RF and data) to meet your specific requirements.

AIRDESK has devised a simple web-based cable configuration, which allows you to design an RF or system cable to meet your specifications. This configuration engine enables AIRDESK to provide samples and volume pricing quotations in a one-stop, convenient web-based tool.

