SDiD™121X Development Kit

Product Data Sheet

The SDiD™ 121X Development Kit is the essential tool to quickly and easily launch your Low Frequency (LF) Radio Frequency Identification (RFID) applications to market. The SDiD™ 121X Development Kit is a complete solution which includes an SDiD™ 1212 SD Card, two LF RFID tags, and a Software Development Kit (SDK) with binaries, header files, drivers, demo applications and sample applications with full source code. The SDK delivers a powerful, yet straightforward Application Programming Interface (API) which greatly reduces the learning curve and simplifies the overall development process. With the SDiD™ 121X SDK, developers can quickly familiarize themselves with LF RFID technologies so they can rapidly design, develop and exhibit cutting-edge high performance economical LF RFID solutions for both the SDiD™ 1210 and SDiD™ 1212 products.

Contents

SDiD™ 1212

- ISO 11784, ISO 11785 for Animal ID
- Supports both Half Duplex (HDX) and Full Duplex (FDX) LF RFID
- Supports TI TIRIS LF, Sokymat Q5, NXP HITAG™ 1 and NXP HITAG™ S (no security)

2 LF RFID Tags

- TI TIRIS LF Transponder
- Sokymat Q5 LF Transponder

Software Development Kit

- Application Programming Interface (API)
- HTML documentation
- WinCE and Palm OS® libraries and header files
- Device driver for WinCE and Palm OS®
- C++, C# and VB demo applications with full source, user manuals and setups for WinCE
- C++ demo application with full source, user manual and setup for Palm OS®

Developer Support

- Full access to the SDiD™ 121X Forum
- Limited e-mail and phone support

Features

Windows CE SDK Requirements

- Windows 2000 (SP4) or Windows XP (SP2) or Windows Vista (SP1)
- Microsoft Internet Explorer 5.0 or higher
- Microsoft ActiveSync 4.0 or higher
- Microsoft Pocket PC 2002/2003 with SDIONow! or Windows Mobile 2003 with SDIONow! or Windows Mobile 5.0 or Windows Mobile 6.0
- Microsoft® Visual Studio 2005
- Microsoft® eMbedded Visual C++ 4.0

Palm OS® SDK Requirements (SDiD 1210 only)

- Windows 2000 (SP4) or Windows XP (SP2) or Windows Vista (SP1)
- Microsoft Internet Explorer 5.0 or higher
- Palm Desktop 4.1 or higher
- Palm OS® 4.1 or higher
- Palm OS® Developer Suite 1.1 or higher
- Metrowerks CodeWarrior 5.2 or higher

Software Compatibility

- C++
- C#
- Visual Basic .NET