



Troubleshooting

1. Make sure the unit is connected to a high powered USB hub.



Ordering Code

- AT88SCRF-ADK2

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8556A-CRRF-09/08



KEEN+ *microcontroller onboard* WELCOME AND QUICK START GUIDE

Dear Valued Customer,

Thank you for choosing CryptoRF® for your security needs. CryptoRF provides powerful security for wireless authentication and data storage in convenient and affordable passive RFID tags. The Keen+ kit is an all Atmel complete solution with 13.56 MHz RFID Reader, Tag, and Software Technologies. This complete development kit based on AVR® for CryptoRF, World's Largest Family of Secure RFID, features demonstration and evaluation possibilities. Designed with developers in mind, Keen+ offers ample development resources in the onboard large-memory AT90USB AVR microcontroller, rich debug capabilities with JTAG-ICE and ISP programming ports, and simple connectivity option through USB port. With PC availability, accompanying Embedded Crypto Evaluation (ECE) Studio provides a rich experience in product configuration, evaluation, and demonstration through an intuitive menu driven GUI application. Keen+ is truly a one stop shop for complete immersion into CryptoRF products.

We wish you a fulfilling experience working with Keen+
Your Embedded Crypto Solutions Team





Package Contents

1. 1 Keen+ board
2. 1 Embedded Crypto Solutions CD
3. Atmel CryptoRF Tag Assortment
4. 1 USB cable Type-A, Mini-B cable



Systems Requirements

- Windows XP
- 200 MB available disk space
- Available USB Port



Software Installation

1. Insert Embedded Crypto Solutions CD into a PC.
2. Select the "Detailed Information" option.
3. Click "Install Now" to install Embedded Crypto Evaluation Studio and other resources. This will place program icons on the desktop as well as the START menu.



Getting Started

1. Connect Keen+ to your PC using the provided USB cable
2. Launch ECE Studio
3. Select the CryptoRF application option
4. Follow instructions at the bottom of each screen
5. Click forward arrow to advance screens