

e*Tag® 13.56 MHz RFID Products

Secura Key

A Division of SOUNDCRAFT Inc.

Smart. Reliable. Secure.



e*Tag® RFID Products by Secura Key

RFID (Radio Frequency Identification) is the wave of the future for Automatic Identification and Data Collection applications. Whether you are concerned with Point-Of-Sale, Access Control, Package Tracking, Electronic Ticketing, Manufacturing Process Control, Loyalty Card Programs, or a host of other functions, RFID offers the speed, accuracy and security you need. Secura Key, with thirty-five years experience manufacturing card readers and cards, is a leader in the development of 13.56 MHz reader/writers and RFID transponder packaging. The ever-growing e*Tag® line of products are compatible with ISO 15693 and ISO 14443A/B technologies.



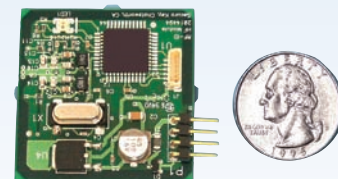
e*Tag® Reader/Writers

e*Tag® readers and reader/writers have been engineered to work with a variety of ISO 15693-compliant tags with 512 to 10K or more bits of memory, including Texas Instruments, Philips iCode and Infineon MyD. e*Tag® can also read the Unique IDentifier on ISO 14443A/B contactless smart cards.

e*Tag® units are available with RS-232, RS-485, USB or TTL two-way communications for complete read-and-write functionality. e*Tag® units also provide a second channel, which can be used for one-way Wiegand communications or may be configured for other inputs or open collector output operations.

e*Tag® units are very compact and operate at very low power (as little as 30 milliamps). The e*Tag® line includes a variety of housing designs, from tiny wall-mounts to freestanding desktop/countertop models.

They are available with an integral antenna or with an SMA connector for attaching external 50 ohm antennas. You may also order the e*Tag® PC board, for integration into other products.



Custom Antennas

Secura Key can provide custom external 50 ohm antennas specially designed to work with e*Tag® readers and reader/writers. Custom antenna designs for site-specific applications are also available.



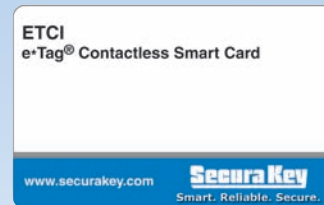
e*Tag® Protocols

An Application Programming Interface (API) is available for systems integrators and software developers. In addition, e*Tag® Host software is available with the e*Tag® Development Kit. This Graphical User Interface demonstrates the various command and response sequences as well as the different reader configuration modes available in all e*Tag® models.



Transponder Packaging

Secura Key has been manufacturing plastic cards for over thirty five years. RFID inlays can be packaged as cards, key tags, labels, wrist bands and other form factors. Digital printing of custom graphics, including bar code and other variable data, is also available.



Access Control Systems

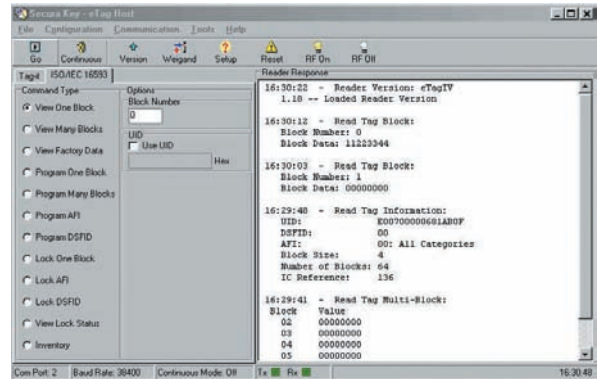
Secura Key access control systems are used throughout the world by major corporations, government agencies and non-profit organizations. If your RFID needs include personnel or vehicle access control, Secura Key offers controllers and software that provide a flexible yet easy to use system.



PRODUCT GUIDE

e*Tag® Development Kits

e*Tag® Development Kits have been designed to allow instant evaluation of the e*Tag® reader/writer capabilities. Each kit includes a reader/writer, power supply, e*Tag® Host software and sample cards. An RS-232 to RS-485 converter is available for easy hookup to your PC.



Decorator Housing



Mullion Housing



Switchplate Housing



Compact Housing

e*Tag® Reader/Writer Options

COMMUNICATIONS: RS-485; RS-232; TTL; USB; Wiegand.

ANTENNAS: Integral antenna or coax connector.

READER HOUSINGS: 1.5"x3.5"—3.2"x4.5"—2.7"x4.5"—1.9"x4.5"

e*Tag® Cards and Tags

The e*Tag® line includes credit-card size transponder packages. ETCI cards are available with custom, four-color graphics or ready for dye-sublimation printing in the field. e*Tag® cards are available with TI HF-1, ISO 15693 and other transponder types.

ETST key tags are designed to hang on a keychain, are available with custom graphics and a choice of inlay types.

Cards or tags with other inlay types and other form factors will be quoted upon request.

Custom printing, magnetic stripes, bar codes, signature panels and embossed characters are also available by special quote.



ETST = KeyTag



ETKT = KeyTag



ETCI = ISO Imageable Card