

Contactless Smart Cards & Key Tags

ETCI / ETST / ETKT



e*Tag® Contactless Smart Card credentials are smart, reliable, and secure. They are compatible with all Secura Key e*Tag® readers. By using industry standard encryption techniques, e*Tag® reduces the risk of compromised data or duplicated cards. Access Control data is protected with Secura Key enhanced DES encryption, using 64-bit diversified keys. Security is combined with fast processing and data communication, resulting in typical transaction times of less than 100 milliseconds. e*Tag's® passive (no-battery) design allows virtually unlimited reads and an estimated minimum 100,000 writes. e*Tag® offers extremely consistent read range.

Secura Key's e*Tag® 13.56 MHz read/write contactless smart card credentials can be used for diverse applications such as access control, biometric verification, cashless vending, public transportation, airline ticketing, customer loyalty programs, network log-on security, automotive vehicle identification and time and attendance. e*Tag® credentials can support multiple applications and future expansion.

Features:

- 13.56 MHz read/write contactless smart card technology provides high-speed, reliable communications with high data integrity.
- Meets ISO 15693 open standard for contactless smart cards
- DES encrypted access control data, with 64-bit diversified keys.
- Any existing card data format up to 64 bits can be factory programmed.
- Available in 2k bit or 10k bit configurations.
- 10k bit configuration allows storage of biometric templates and multiple user applications

The e*Tag® ISO Card (ETCI) offers the ability to add photo identification directly on the credential. The e*Tag® Card is a standard CR80 form factor, and it also meets strict ISO 7810 dimensional and thickness standards for use with direct image and thermal transfer printers. The ISO Card can be carried with credit cards in a wallet or purse. Use it with a strap and clip as a photo ID badge. It can be slot punched vertically or horizontally for easy use. The e*Tag® ISO Card is strong, flexible, and resistant to cracking and breaking. Available options include an unencoded magnetic stripe and custom artwork. External laser engraved card numbering is included.

The e*Tag® Key Tag (ETST/ETKT) provides the convenience of a thick, rugged PVC key tag that is durable in a harsh environment. This key tag is the size of a typical automotive key and offers custom artwork printing capabilities on both sides of the tag. This credential can be placed on a key ring or clipped on a lanyard. External laser engraved card numbering is included. The ETST features a trapezoidal design, while the ETKT has a rounded end and allows an optional eyelet for added durability.

• ISO Card Features:

- Meets ISO 7810 thickness standards for use with all direct image and thermal transfer card printers
- Add a magnetic stripe or custom artwork.

• Key Tag Features:

- Thick PVC tag provides durability in harsh environments.
- Can be placed on a key ring or clipped to a lanyard for convenient entry.
- Choose from trapezoidal or rounded end design.

Description	13.56 MHz Contactless Smart Card	13.56 MHz Contactless Smart Key Tag	
Base Part Numbers	ETCI-Wxx (2k bit) ETCI-Wxx-10 (10k bit)	(Trapezoidal) ETST-Wxx (2k bit) ETST-Wxx-10 (10k bit)	(Rounded End) ETKT-Wxx (2k bit) ETKT-Wxx-10 (10k bit)
Max Read Range ** ET4-WXM ET4-WXS ET8-RO-W-D ET8-RO-W-M	Up to 4.0" (10.16 cm) Up to 6.0" (15.24 cm) Up to 4.0" (10.16 cm) Up to 4.0" (10.16 cm)	Up to 2.5" (6.35 cm) Up to 3.5" (8.89 cm) Up to 2.5" (6.35 cm) Up to 2.5" (6.35 cm)	
Dimensions	2.125" x 3.375" x 0.033" max. (5.40 x 8.57 x 0.084 cm)	2.205" x 1.102" x 0.067" max. (5.60 x 2.79 x 0.17 cm)	2.125" x 1.102" x 0.067" max. (5.39 x 2.79 x 0.17 cm)
Weight	0.20 oz (5.67 gm)	0.08 oz (2.26 gm)	
Card Construction	Thin, flexible polyvinyl chloride (PVC) laminate	Thick polyvinyl chloride (PVC) laminate	
Operating Temperature	-40° to 158° F (-40° to 70° C)		
Operating Humidity	5-95% non-condensing		
RF Interface	ISO/IEC: 15693 read/write, 13.56 MHz		
Transaction Time	<100 ms typical		
Baud Rate	26 kbps		
Memory Type	EEPROM, read/write		
Write Endurance	Min. 100,000 cycles		
Data Retention	10 years		
Warranty	Lifetime warranty. See complete warranty policy for details.		
Card Data	64 bits max		
Encryption	DES, with diversified keys		
Magnetic Stripe (optional)	Unencoded 2750 Oersted	NA	
Slot Punch	2k bit– vertical/horizontal (optional) 10k bit – vertical only (optional)	Standard	Standard Eyelet-Optional
** 2k bit card/tag, Dependent upon installation conditions			

ORDERING

CARDS

ETCI-W26/W32
ETCI-W26/W32-10
ETCI-Wxx-MS-xx

ISO Card, 2k bit memory, encoded with 26 or 32 bit access control data
ISO Card, 10k bit memory, encoded with 26 or 32 bit access control data
ISO Card with Optional unencoded 2750 Oersted magnetic stripe

KEY TAGS

ETST-W26/W32
ETST-W26/W32-10
ETKT-W26/W32
ETKT-W26/W32-10

Key Tag, **Trapezoidal**, 2k bit memory, encoded with 26 or 32 bit access control data
Key Tag, **Trapezoidal** 10k bit memory, encoded with 26 or 32 bit access control data
Key Tag, **Rounded End**, 2k bit memory, encoded with 26 or 32 bit access control data
Key Tag, **Rounded End**, 10k bit memory, encoded with 26 or 32 bit access control data
Optional Eyelet available on ETKT, only.
For Wiegand formats other than 26 or 32 bit call factory

(Please see Secura Key price list for a description of all options and associated part numbers.)

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