

Wiegand Cards

WCCI / WECI



Many access control customers continue to use the original Wiegand technology because the readers are reliable, weatherproof units, and the cards do not wear out. Wiegand cards are virtually impossible to counterfeit, can't be altered or copied, and are immune to external magnetic fields or RF interference. An embedded Wiegand code strip, containing small pieces of specially-processed wire, is laminated under pressure to create a solid vinyl card. Any attempt to reach the code strip destroys the card.

Secura Key Wiegand Cards (WCCI) provide a better quality, lower priced alternative to HID Wiegand cards. They are fully compatible with HID and Sensor Engineering Wiegand-effect swipe readers, and are available in the popular SIA 26-bit Wiegand format, as well as other Wiegand formats up to 40 bits.

Secura Key Wiegand Cards can be used for diverse applications such as access control, biometric verification, cashless vending, and time and attendance, simply by using the card number as a reference to an external database.

Features:

- Compatible with HID and Sensor Engineering swipe readers.
- Cards encoded in popular 26-bit SIA Wiegand format as well as other Wiegand formats up to 40 bits.
- Multi-technology version available with 2k or 10k bit e*Tag® Contactless Smart Card technology.
- Standard 37 mil thickness-fits all Wiegand and mag stripe readers and works in most image and thermal transfer printers.
- Carry with your credit cards in your wallet or purse.
- Provides an infinite number of reads.
- Strong and flexible for resistance to breaking.
- Custom multi-color graphics are available.
- Available with high coercivity magnetic stripe.
- Lifetime warranty against defects in materials and workmanship.

Description	Wiegand Card	Wiegand Card with e*Tag® Contactless Smart Card Inlay
Base Part Numbers	WCCI-xxx	WECl-xxx (2k bit e*Tag®) WECl-xxx-10 (10k bit e*Tag®)
Dimensions (CR-80)	2.125" x 3.375" x 0.037" (5.40 cm x 8.57 cm x 0.094 cm)	
Max Read Range ET4-WXM ET4-WXS ET8-RO-W-D ET8-RO-W-M	NA	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)
Weight	0.20 oz (5.67 gm)	0.19 oz (5.38 gm)
Card Construction	Thin, flexible polyvinyl chloride (PVC) laminate	
Operating Temperature	-40° to 158° F (-40° to 70° C)	
Operating Humidity	5-95% non-condensing	
Write Endurance	NA	Contactless: Min. 100,000 cycles
Data Retention	Indefinite	Contactless: 10 years
Warranty	Lifetime warranty. See complete warranty policy for details.	
Card Data	40 bits max	
Magnetic Stripe (optional)	Unencoded 2750 Oersted	
Slot Punch (optional)	Vertical/Horizontal Vertical (Portrait) slot position not recommended for swipe readers (Wiegand).	

ORDERING

WCCI-xxx	Wiegand card encoded
WECl-xxx	Wiegand card with 2k bit e*Tag® inlay
WECl-xxx-10	Wiegand card with 10k bit e*Tag® inlay

OPTIONS

Card Artwork	(S – standard glossy, C – Custom Print (specify artfile and finish), N – plain white, glossy)
Laser Numbering	(M – matching, F-matching, with Facility Code, N - None)
Mag Stripe	(M – Hi Co un-encoded, N – None)

- For Wiegand formats other than 26 bit call factory
- For multi-technology cards, e*Tag® encoding matches Wiegand encoding
- Most printers accept Standard (0.037") cards – verify with printer manufacturer before ordering
- Plain white card includes art file number and slot punch targets
- Slot punching is optionally available- do not slot punch cards before dye sublimation or thermal printing.

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

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Secura Key
 Smart. Reliable. Secure.