

BasicCard

Now with Contactless Interface

With the new Professional BasicCard ZC7.5 RFID, ZeitControl presents the smartest programmable smart card you've ever seen. While maintaining compatibility with previous BasicCards, the card uses a **contactless interface** instead of standard contact interface. The contactless interface follows international standard **ISO14443**, to allow contactless communication using the **T=CL** protocol.

Features in detail:

ZC7.5 RFID (contactless)	
<i>Interface</i>	
Interface	Contactless interface according to ISO14443 Type A (Part 1, 2, 3)
Protocol	T=CL according to ISO14443 Type A (Part 4)
<i>Memory</i>	
User RAM	2.9 kB
User EEPROM	32 kB
<i>Security and Encryption</i>	
RSA	<ul style="list-style-type: none"> • According to PKCS #1 V2.0 • Key length up to 4096 bit • Key generation in card
ECC	<ul style="list-style-type: none"> • According to ISO15946-1 • In finite field of type GF(p) • Key length up to 512 bit • Key generation in card
AES	<ul style="list-style-type: none"> • According to FIPS 197 • Key length 128, 192 or 256 bits
DES /Triple DES	<ul style="list-style-type: none"> • According to ANSI X3.92-1981 • Key length 56, 112 or 168 bits
SHA	<ul style="list-style-type: none"> • According to FIPS 180-2 • SHA-1 and SHA-256
Random Number Generator	<ul style="list-style-type: none"> • Hardware