

Cardax Encoder III

Cardax Encoder III is a user friendly software package that allows the on-site encoding of Cardax proximity cards and transponders, Cardax magstripe cards and Cardax smart cards.



The Cardax Encoder III sets new standards for greater functionality and ease of use while maintaining effective security.

Using an industry standard Microsoft® Windows® 2000 or XP operating system, Cardax Encoder III is a user friendly software package that allows the encoding of Cardax Proximity Transponders, Cardax Magstripe Cards and Cardax Smart Cards with access control data. Cardax Encoder III is used in conjunction with the Cardax Encoder (TIRIS, Mifare, 125 and Magstripe series).

PIN Generation

Cardax Encoder III provides the option of Randomly Selected PINs or User Selected PINs. It has the added feature of being able to type User Selected PINs with hidden characters displayed on screen. PINs can be displayed on screen, filed, printed to a laser printer or printed on secure

PIN forms (similar to those used by the Banking Industry for distributing PINs).

Operator Security

The system includes full operator security functions that provide password protected operation to every part of the software. Selected operators can have fully definable, yet suitably restricted access.

The audit trail of all activity is recorded and can be sorted on the basis of time, operator or site.

System Security

To protect against software transfer and illicit card manufacture, Cardax Encoder III will only operate with a dongle security device with embedded serial numbers.

In addition, a license is issued with each Cardax Encoder III to provide an extra level of security. This ensures

that no one else can encode or read cards for other licensed sites.

Cardax Encoder (TIRIS Series)

The Cardax Encoder (TIRIS Series) is a cost effective compact and operator friendly unit that connects straight to the PC, for encoding TIRIS proximity cards.

Cardax Encoder (Mifare Series)

The Cardax Encoder (Mifare Series) is used for encoding Mifare® smart cards. Please note that Mifare card encoding for Sagem and Salto card data and Mifare Enhanced Security is only available via card encoding in Cardax FT Command Centre.

Cardax Encoder (125 Series)

The Cardax Encoder (125 Series) is used for encoding and re-encoding Cardax 125 Series proximity cards.

Cardax Encoder (Magstripe)

The Cardax Magstripe Encoder is used for encoding magnetic stripe cards.



Proximity Encoder (TIRIS Series)

Proximity Encoder (Mifare Series)



Proximity Encoder (125 Series)

Encoder (Magstripe)



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TECHNICAL SPECIFICATIONS

Cardax Encoder III

Minimum Computer	Processor	Pentium
	Clock Speed	100 MHz
	RAM	32 Megabytes
	Hard Disk	50 Megabytes free space
Operating System	Microsoft® Windows® 95/98 or NT or Windows® 2000	
Operators	Max. Number	Unlimited
Operator Authorisation Levels	Fully configurable	

TECHNICAL SPECIFICATIONS

Cardax Encoder (TIRIS Series)

Dimensions	Length x Width x Depth	190 x 134 x 54 mm
Power Supply (not supplied by Cardax)	Voltage	12.5 V DC
	Current	250 mA
Temperature Range	-10° to +55°C	
Communications	RS 232	

TECHNICAL SPECIFICATIONS

Cardax Magstripe Encoder

Dimensions	Length x Width x Depth	280 x 120 x 110 mm
Power Supply	Current	180-260 V AC
		60 Watts
Temperature Range	5° to 40°C	
Encode Rate	14 per minute	

TECHNICAL SPECIFICATIONS

Cardax Encoder (Mifare Series)

Dimensions	Length x Width x Depth	118 x 78 x 22 mm
Temperature Range	0° – 50°C	
Power & Communications	USB	

TECHNICAL SPECIFICATIONS

Cardax Encoder (125 Series)

Dimensions	Length x Width x Depth	190 x 134 x 54 mm
Power Supply (not supplied by Cardax)	Voltage	13.6 V DC + or -15%
	Current	250 mA
Temperature Range	-0° to +50°C	
Communications	RS 232	



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