CONTACTLESS SMARTCARD CREDENTIALS

TX3-CSM-2P / TX3-CSK-2

TX3 Series

TX3-CSK-2
Keyfob

TX3-CSM-2P
ISO Card

Doors Parking Turnstiles

Description

Mircom's TX3-CSK-2 and TX3-CSM-2P comprises of mobile-ready contactless smartcard access control ID solution. Based upon the proven LEGIC® contactless digital radio frequency identification (RFID) platform, Our readers interface with a wide range of electronic access control systems by complying with the legacy Wiegand. In addition to supporting mobile access credentials—using the Bluetooth Low Energy (BLE) feature of select smartphones—TX3 includes a range of traditional physical access credentials, such as ISO cards, and key tags. TX3's range of credentials support 26-Bit Wiegand format, as well as custom Wiegand, ABA Track II magnetic stripe and serial data formats. They employ value-add features, such as MAXSecure™, and advanced data protection, such as AES encryption. TX3 credentials can be ordered programmed to various formats in exact number sequence required.

Features

- **MIFARE® DESFire® EV2 Support**
  High-Security Encryption Technology
- **MAXSecure™**
  Unique Security Feature
- **ValidID™**
  Fraudulent Data Detection Solution
- **Warranty**
  One-Year Warranty
- **RFID**
  ISO 14443-A Protocol
- **Slot-Punch**
  Vertical Slot / Vertical & Horizontal Indicators / Built-in Eyelet
- **Contactless**
  Up to 2.25 in (57 mm)

NOT TO BE USED FOR INSTALLATION PURPOSES.
THIS INFORMATION IS FOR MARKETING PURPOSES ONLY AND NOT INTENDED TO DESCRIBE THE PRODUCTS TECHNICALLY.

CATALOG NUMBER
6571

Specifications	TX3-CSM-2P	TX3-CSK-2
Technology	Smartcard	
Frequency	Excitation (13.56 MHz)	
Operation	Passive (no battery)	
Type	ISO-style card	Key fob-style tag
Formats	Wiegand (26-bit and custom formats), ABA Track II magnetic stripe (clock and data) and Serial typical[1]	
Material	PET composite surface + PVC core	ABS housing, stainless steel frame
Color	Glossy white	Grey
Slot Punch	Vertical and horizontal indicators	Built-in eyelet
Marking[2]	Date code and ID	
Imaging[3]	Supports dye sublimation imaging	N/A
Read Range[4]	Up to 2.25 inches (57 mm)	Up to 1 inch (25 mm)
Outputs[5]	Multi-Application	
Warranty	12 months	12 months
OEM Label Area Dimensions	N/A	0.9" W × 0.35" H (22.86 mm × 8.89 mm) with corner radius of 0.06" (1.5 mm)
Dimensions	2.1" W × 3.4" H × 0.03" D (54 mm × 86 mm × 0.76 mm)	1.9" W × 1.5" H × 0.28" D (49 mm × 38 mm × 7 mm)
Weight	0.23 oz (6.4 g)	0.39 oz (11 g)
Operating Temperature	–31° F to 122° F (–35° C to +50° C)	–40° F to 158° F (–40° C to +70° C)
Humidity	0–95% non-condensing	N/A
Memory	2K memory standard[6]	
ISO Standards	ISO 14443-A	
Technologies Supported	MIFARE® DESFire EV2	

NOTES:
1 OSDP readers typically make use of credentials encoded with Wiegand or serial formatted data.
2 Matching internal and external sequential coding standard.
3 Please verify that the printer (or overlay) supports credential type/thickness.
4 Tested with 12 VDC @ CSR-35 reader.
5 Typical directory structure of up to 28 applications, with up to 32 files per application.
6 Other memory sizes available.

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Ordering Information

Model	Description
TX3-CSK-2	High-Security Key Fob-Style Tag, 13.56-MHz frequency (Purchased in blocks of 10 pieces)
TX3-CSM-2P	High-Security ISO-Style Composite Card, 13.56-MHz frequency (Purchased in blocks of 10 pieces)

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