



# SCR215E

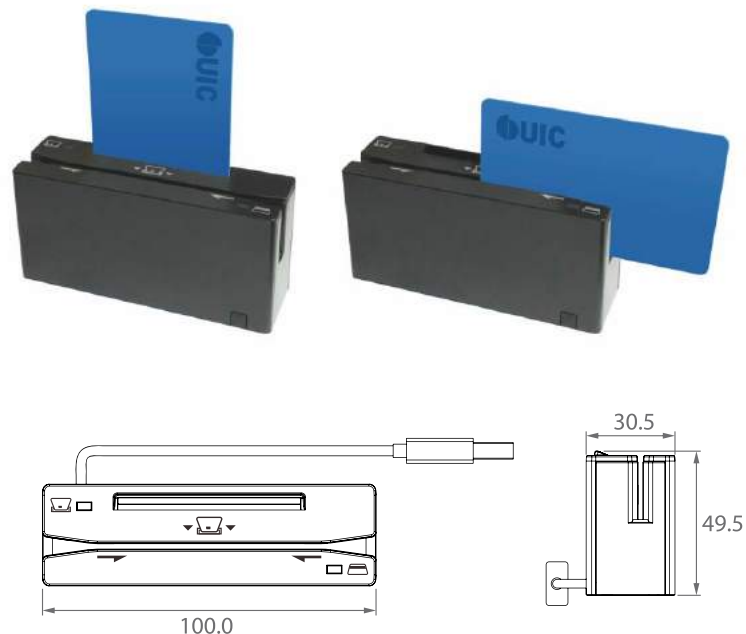
## Secure EMV and Magnetic Stripe Reader



The Dual Mode Secure Card Reader, SCR215E is a tamper-resistant, hardware-encrypted reader. It supports Derived Unique Key Per Transaction (DUKPT) key management scheme is used. The SCR215E supports Triple Data Encryption Standard (TDES), Advanced Encryption Standard (AES) and Rivest, Shamir, Adleman (RSA) encryption algorithms for highly secure transactions.

## Features and Benefits

- EMV and magnetic stripe data encryption
- EMV Level 1 and 2 certified
- Supports multiple interfaces (USB HID-MSR, USB HID-KB, USB Virtual COM-RS232)
- Supports 3DES, AES, RSA encryption algorithms
- Features DUKPT key management
- Reads magnetic card conforming to ISO7810, ISO7811, AAMVA. Bi-directional reading and Hi and Lo magnetic coercivity cards
- Powered through USB Port
- Reads EMV cards conforming to ISO7816
- Programmable LED and buzzer for reader status



Banking



Retail



Hospitality



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Among other features, the SCR215E supports multiple interfaces that include USB-HID-MSR, USB-HID-KB or USB-HID-Virtual Com. The SCR215E supports minimum of 1,000,000 MSR card swipes and 500,000 EMV card insertions.

## Specifications

### MECHANICAL

<b>Body Material:</b>	PC+ ABS
<b>Dimensions:</b>	100 x 30.5 x 49.5 mm
<b>Weight:</b>	Approx. 170 g

### ENVIRONMENTAL

<b>Operating Temperature:</b>	0°C to +40°C
<b>Storage Temperature:</b>	-20°C to +60°C
<b>Operating Humidity:</b>	10% to 90% (Non Condensing)
<b>Storage Humidity:</b>	10% to 90% (Non Condensing)

### INTERFACE

**USB-HID-MSR, USB-HID-KB, USB Virtual COM**

### ELECTRICAL

<b>Power Requirement:</b>	+5VDC USB Port-Powered
<b>Power Consumption:</b>	200mA Max. in normal condition

### PERFORMANCE

<b>Read Card Format</b>	Track 1: Bit Density 210 bpi Track 2: Bit Density 75 bpi Track 3: Bit Density 210 bpi
<b>Card Types:</b>	Magnetic cards as per ISO7810, 7811, AAMVA
<b>EMV</b>	ISO7816, CPU, Memory Cards
<b>Read Capability</b>	1 M Swipes for MSR, 500,000 insertions for EMV

### AGENCY APPROVAL

**FCC Class B, CE, BSMI**



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