

# End-to-End Encryption Magnetic Stripe Reader

## MSR215E Series



- Two-frequency coherent phase (F2F) decoding
- High-performance 32-bit Enhanced RISC SecurCore microcontroller
- Reads Magnetic Strip cards conforming to ISO7810 and 7811
- Triple track and support for 75/210bpi recording density
- Reads both low and high Coercivity cards (300- 4000 Oe)
- Built-in battery for security data backup
- Supports multiple interfaces (USB HID-MSR, USB HID-KB,USB Virtual-COM,RS232)
- Built-in 1.7 meter cable can come out from bottom or side wall
- Reader status LED
- ESD Performance :8kV (air discharge) / 4kV (contact discharge)



MAGSTRIPE



SECURITY

### USB HID or USB Keyboard Emulation Interface

MSR215 communicates with a host computer using USB interface. The reader can read magnetic data from available track encoded per ISO 7810/7811, AAMVA and DMV.

### Security

The MSR215 with tamper-resistant, hardware-based encryption. DUKPT key management is featured, and TDES, AES, RSA encryption algorithms are used. Among other features, the MSR215 is well aligned with the security in the PCI emerging technology. In addition, it supports TransArmor and HP/Voltage security solutions.

### Trusted Name

UIC is a leading manufacturer of payment devices and transaction solutions. Known in the industry for reliability and dependability, UIC products offer high value and quality at a reasonable price.

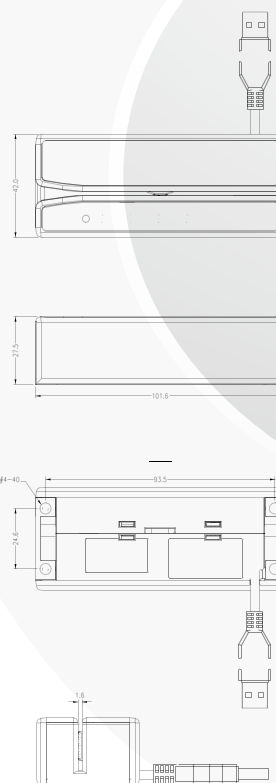
# MSR215 Series

The End-to-end Encryption Magnetic Stripe Reader

## SPECIFICATIONS

Electrical			
Power Requirement	+5VDC +-10% from USB Port		
Power consumption	100mA Max. in normal condition		
Mechanical			
Body Material	PC +20%GF ABS, 94V-0		
Dimensions	(L )102x (W)42x (H)28mm		
Weight	Approx. 130 g		
Card Handling Method	Manual swipe, bi-directional		
Environmental			
Operation Temperature	-10°C to +55°C		
Storage Temperature	-30°C to +70°C		
Operation Humidity	5% to 95% ( Non Condensing)		
Storage Humidity	5% to 95% ( Non Condensing)		
Interface			
Communications	USB , RS232 (optional)		
Agency Approval			
FCC Class B, CE Class B, RoHS			
Performance			
Read Card Format	Track 1	Track 2	Track 3
Bit Density	210 bpi	75 bpi	210 bpi
Card Types	Magnetic cards as per ISO7810, 7811, AAMVA		
Read Capability	Magnetic stripe - dual or triple track of low/high coercivity (300~4000 Oe)		
Test Card Types	Standard card	Jitter±15%	Amp.60%
Read Speed	5~55 ips	5~50 ips	5~50 ips
Card Thickness	0.76±0.08 mm		
Error Rate	< 0.5%		
Magnetic Head Life	1M swipe		

Specifications are subject to change.



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PAYMENTS



## About us

- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.
- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

## Latest Hardware from top manufacturers

- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

## Expert Repair and Maintenance services

- Legacy is one of the best repair facilities in North America

## Discontinued product sourcing

- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

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- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
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  - Hardware disposal
  - Auditing services

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- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

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