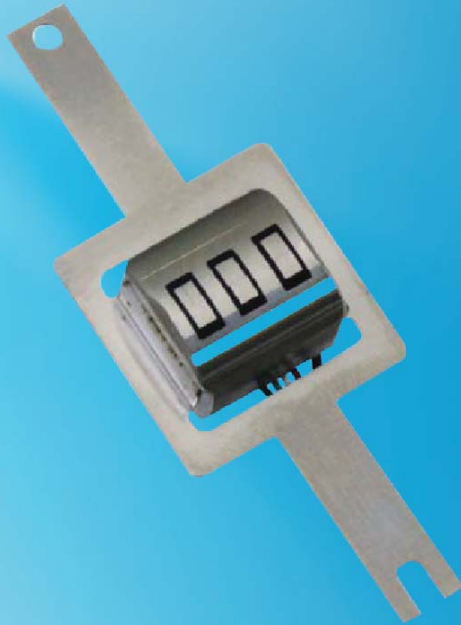


MCH200

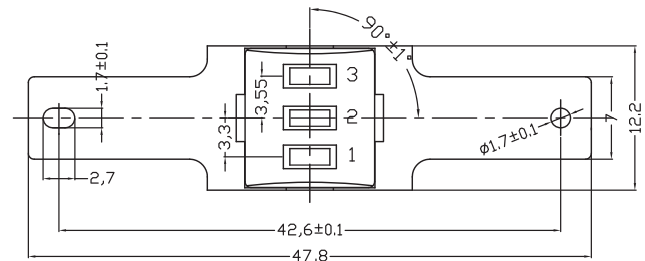
Chip Head Card Reader USB Interface



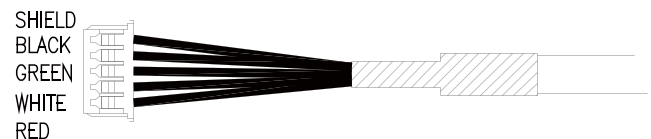
The MCH200 USB Chip Head Card Reader is ideal for retail, time keeping, security and other card reader related systems. The MCH200 with its flexible design works in many applications such as POS terminal, Tablet PC, Standalone MSR and handheld device. It's sleek design is ideal for integration of mobile payment applications. Use MCH200 with a fully encrypted device for the greatest reduction of risk, liability and exposure.

Features and Benefits

- Read magnetic stripe cards conform to ISO 7811, allow reading ISO, AAMVA, DMV
- Read high and low coercivity magnetic stripes
- Bi-directional card swipe and read capability
- No third-party driver is needed
- USB interface, no external power supply required
- TDES, AES and RSA data encryption
- DUKPT (Derived Unique Key Per Transaction) key management
- Firmware upgradeable
- TransArmor Encryption ready



Connector: MOLEX 51021-0500, P= 1.25mm



VIEW A

Unit: mm



Retail



Banking



Vending



Parking



Gaming



Hospitality



Petroleum



Transportation

MCH200

Chip Head Card Reader USB Interface

The MCH200 comes with a USB port that can be used to communicate with a PC or a Lap Top. It is uniquely designed to read both credit cards and driver licenses (AAMVA and California standard). It uses DUKPT (Derived Unique Key Per Transaction) Key management and TDES (Triple Data Encryption Standard) encryption to ensure magnetic stripe card transactions data are encrypted and highly secure during transmission. In addition, MCH200 also supports Transarmor data encryption.

Specifications

RECORDING METHOD

Two-frequency coherent phase (F2F), compatible with ISO 7811 and AAMVA

SWIPE SPEED

5 to 55 inch/sec (worst case with +/- 15% jitter card)

POWER REQUIREMENTS

+5VDC, +/-5%

OPERATING TEMPERATURE

-10 C to +55 C

ENCRYPTION

TDES/DUKPT , AES and RSA

OPERATING HUMIDITY

5% to 95% relative humidity

MAGNETIC HEAD LIFE

Min. 1M swipes

DIMENSIONS

47.8L x 12.2W mm

WEIGHT

Approx. 17g

OUTPUT FILM

34.0L x 5.5W mm



UIC USA

47341 Bayside Parkway, Fremont,
CA94538, USA
Tel: 510-438-6799 Fax: 510-438-6790
info@uicusa.com

UIC Taiwan

1F, No.1, Ln 15, Ziqiang St., Tucheng Dist.,
New Taipei City 236, Taiwan.
Tel: 886-2-2268-7075 Fax: 886-2-2269-5686
salessupport@uniform.com.tw

UIC - Australia Pty Ltd

38 Ricketty Street, Mascot, NSW
2020 Australia.
Tel: +61 2 9078 7808
saleinfo@uicworld.com