

# Magnetic Digital Header

## Magnetic Head with MSR Decoder PCB

### MH200-AK, MH300-AK

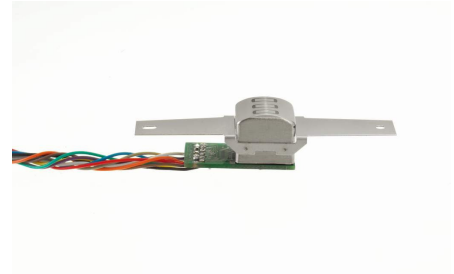
#### Features

- TTL Interface. Clock and data output.
- Small Compact Size
- Low power consumption.
- Operational power 5.0V DC (workable in 3.3V).
- Design for reading low coercivity and high coercivity.
- 300 Oe ~ 4000 Oe.magnetic cards.
- Read Credit cards, Bank cards, and ID cards.
- Dual /Triple Track model



#### Application

- CAT (Card Authorization Terminal)
- POS Keyboard
- Security Control
- Portable /Hand held devices



#### Model Configuration

- MH200-AK : Dual track
- MH300-AK : Triple track
- PCB Component available

#### Specification

- Interface: TTL
- Card types: ISO, ANSI,AAMVA, CA DMV.( 300~4000.Oe ).
- Read speed range: 10cm/sec ~ 140cm/sec. ( 4 ips ~55 ips ).
- Power Voltage: 3.3V /5.0V DC
- Power Consumption : 5.0mA /DC 3.3V; 6.5mA /DC 5.0V
- Dimensions: MH200-AK : 47.8x10.6x13mm  
MH300-AK : 47.8x11.8x13mm
- Weight: Approx. 10 grams.
- MTBF:  
Electronics: 100,000 hours; Heads life: 500,000 passes
- Environment : Temperature: Operating: -10°C ~ 55°C; Storage: -30°C ~ 70°C  
Humidity: Operating: 10% ~ 90%; Storage: up to 100%