



Elk Readers by Brush Industries

# SideWinder

## The Ultimate Durable Swipe Reader for Hostile Environments

Sidewinder is a hardened manual swipe reader with no moving parts specifically designed for extended MCBF and hostile environmental conditions.

It is waterproof and vandal resistant, and is configured to read standard ID1 cards.

The Sidewinder is available with TTL, RS232, or electronics capable of decoding ISO standard data.

- Improved Design
- No Moving Parts!
- Improved Reliability
- Improved Contact with Stripe
  - Less head wear
  - More reliable card reading
- Extremely Long Head Life
- Vandal Resistant
- Waterproof
- Card Hatching Resistant
- Hardened, Weather Resistant Case
- Electronics Sealed within Guide



### ALSO AVAILABLE

#### Magstripe Test Cards

Test cards are valuable for:

- verifying your readers meet ISO specs
- testing magnetic card readers
- testing POS terminals
- testing ticket dispensing equipment
- testing ATMs
- providing a standard of comparison for testing:
  - swipe & motorized encoders
  - development of card readers/writers
  - power supplies, read circuitry, heads, mounts, & card transport mechanisms
  - for catastrophic failure
  - for gradual degradation of readers



**Manufactured by our sister company, Q-Card, test cards can be a vital tool for your quality control & development. Find out more at [www.q-card.com](http://www.q-card.com) or call us for more information and pricing.**



Long Life Magnetic Heads and  
Card Readers for Extreme Environments





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## OPTIONS

### Electronics (industry standard)

- RS 232
- TTL with Digihead™ Technology

### Magnetic Head

- 1, 2 or 3 tracks

### Magnetic Stripe Location

- ISO

### Cable Exit Location

- Base Bottom Exit

### Customer Defined Configurations

- Cable and Connector



## SPECIFICATIONS

### Physical Dimensions:

ISO

Weight: 482g (17 oz)

Height: 34.8mm (1.37 in)

Width: 52.3mm (2.06 in)

Length: 111.8mm (4.40 in)(Base)

### TTL Environment Specifications:

Operating Temperature: -10°C to 55°C (14°F to 131°F)

Operating Humidity: 10% to 95% RH non-condensing

Storage Humidity: 5% to 95% RH non-condensing

Storage Temperature: -25° to 75°C (13°F to 167°F)

### RS-232 Environment Specifications:

Operating Temperature: -10°C to 50°C (14°F to 122°F)

Storage Temperature: -30°C to 70°C (-22°F to 158°F)

Operating Humidity: 10% to 95% RH non-condensing

Storage Humidity: 10% to 95% RH non-condensing



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