

OmniFare™

Hybrid Contactless Smart Card and MagStripe Card Reader

Reads Smart Cards and MagStripe Cards

Proximity smart card reading technology meets magnetic stripe reading technology with the hybrid OmniFare™ card reader. Customers will appreciate the versatility of a card reader that reads MiFare contactless cards, as well as MagStripe cards. The OmniFare™ reads data from a variety of contactless sources including cards, key fobs, and other tokens. The OmniFare™ is offered with RS-232 and USB HID interfaces.

Easy to Use

The OmniFare™ is designed for a variety of access control and individual identification applications. The unit can be mounted on a counter top, and the clear visibility of the LED panel makes it easy for users to view they have completed a successful read operation.

High Performance

The OmniFare™ is made to withstand daily use and wear. The rugged design provides protection from vandalism, and allows for weather-resistant operation. Its housing is constructed of a sturdy base, an impact-resistant cover, and a stainless steel card slot wear plate. Options include weatherproof, sealed, or extended temperature versions for harsh and wet environments.

Features and Benefits:

- Rugged design for weather resistant operation, and protection from vandalism
- Flexible mounting options
- Compatible with MiFare cards & ISO magnetic stripe cards
- Superior reading of jitter, scratched, and worn MagStripe cards
- Reliable MagStripe reader for a minimum of one million passes
- Signifies successful read operation with beeper and LED indicator
- Dual-head design for MagStripe reading in both directions
- RS-232, USB HID interfaces



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OmniFare™ Specifications IDCA-37XX

Electrical

Power Requirements: +5 VDC +/-10%, 65mA Max. combined magnetic stripe and contactless
Interfaces: RS-232, USB HID

Environmental

Operating Temperature: 0°C to 55°C (32°F to 122°F)
Storage Temperature: 0°C to 70°C (32°F to 158°F)
Extended Temperature: -25°C to 60°C (-13°F to 140°F)
Humidity: 8 to 95% with Wet bulb at 23°C (73°F) non-condensing

Reliability

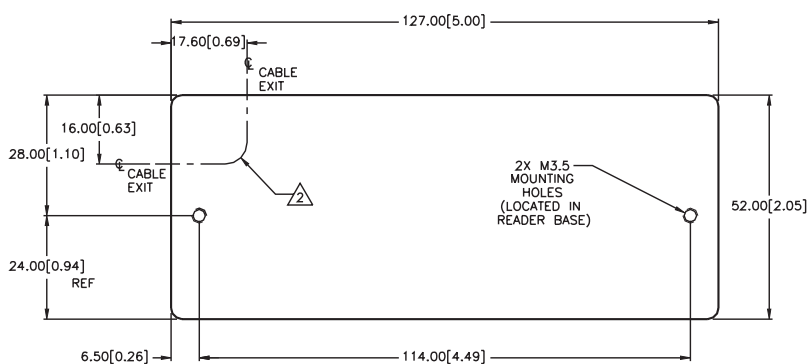
Operating Life: 1,000,000 cycles minimum
Warranty: Two years, parts and labor

Mechanical

Media Thickness: MagStripe: 0.015 inches (0.381mm) to 0.038 inches (1mm)
Media Formats: MagStripe: ISO 7811, AAMVA, and other F2F formats
Slot Width: 0.040 inches (1mm)
Swipe Speed: MagStripe: 3 to 60 inches per second, bi-directional
Dimensions(L)x(W)x(H): 5 inches (127mm) x 2.05 inches (52mm) x 2.05 inches (52mm)
Weight: 1.4 lb (including power pack)
Cable Length: 6-foot straight cable
Cable Connector: RS-232 interface, RS-232 DE9 connector
USB interface, terminated with USB-A



Foot Print:



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