

OmniFare™

Hybrid Smart Card and MagStripe Card Reader

Reads Smart Card 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 RS232 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 countertop. Clear visibility of the LED panel on the top makes it easy for users to view that they've 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 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 more harsh and wet environments.

Features and Benefits

- Designed for vandal resistance, rugged use, and weather resistant operation
- 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 1,000,000 passes
- Signifies successful reads with a beeper and LED indicator
- RS232, USB-HID interfaces



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OmniFare™ Specifications

Electrical

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

Environmental

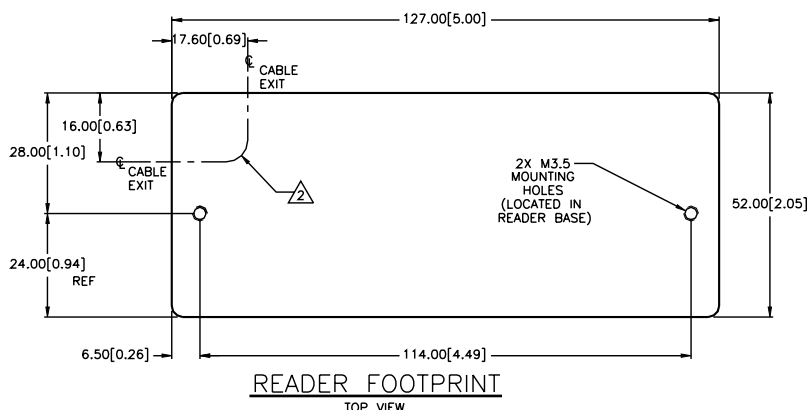
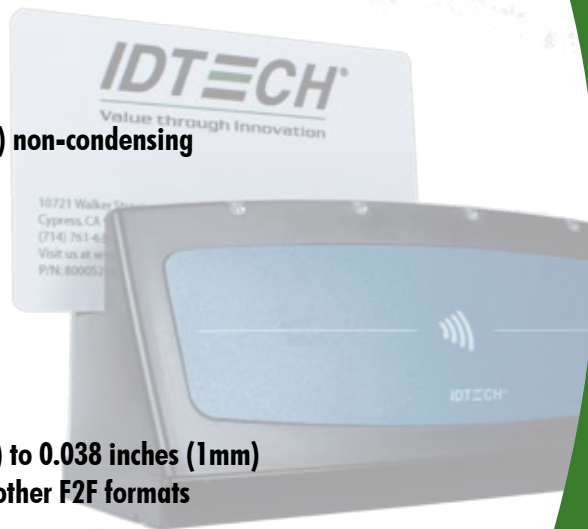
Operating Temperature: 0 to 50° C (-32 to 122° F)
Storage Temperature: 0 to 70° C (-22 to 158° F)
Humidity: 8 to 95 % with Wet bulb at 23°C (73 °F) non-condensing
Extended Temperature: -25 to 60° C (-13 to 140° F)

Reliability

Operating Life: 1,000,000 cycles minimum
Warranty: One year, parts and labor

Mechanical

Media Thickness: Magnetic Stripe: 0.015 inches (0.381mm) to 0.038 inches (1mm)
Media Formats: Magnetic Stripe: ISO 7811, AAMVA, and other F2F formats
Slot Width: 0.040 (1 mm)
Swipe Speed: Magnetic Stripe: 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: RS232 interface, RS232 DE9 connector
USB interface, terminated with USB-A



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