# Omni™ Duo

## Convenience and Durability

A unique dual-head design reduces the confusion at the point of swipe by accepting cards being swiped regardless of the magnetic stripe orientation. Two magnetic heads provide convenience to the user and ensures the data is captured on the first swipe. The Omni™ Duo delivers exceptional performance in a rugged, weatherproof housing.

## Stands Up to Heavy Use

The Omni™ Duo reader is designed for demanding applications such as self-service kiosks. Its die-cast metal base, stainless steel wearplate, and impact-resistant housing make it ideal for stand-alone high-volume applications. Its metal base can be securely mounted with screws, and cable exits are available at the side, end, or bottom of the unit. Weatherproof and extended temperature versions are available for use in harsh environments.

## Configurability and Reliability

The Omni™ Duo is programmable so that the data format and intelligent interface output can be programmed and configured to match application and communication requirements. With ID TECH's Windows-based MagSwipe Configuration Utility, data output format can be customized. The Omni™ Duo design ensures over one million card cycles and is one of the industries most reliable card readers.

## Features and Benefits:

- Superior reading of jitter, scratched, and worn MagStripe cards
- Die-cast metal plate allows flexible mounting options
- Threaded holes for easy and secure mounting
- Rugged, weatherproof design with extended temperature options
- Reliable for a minimum of one million passes
- Signifies successful reads with a beeper and LED indicator
- Reads up to three tracks of information, bi-directionally
- Dual-head design enhances usability and adds flexibility
- User-friendly configuration software utility
- RS-232, USB Keyboard, USB CDC, and USB HID interfaces

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# Omni™ Duo Specifications WCR-32X7

## Electrical

Power Requirements:     Magnetic Stripe:＋5 VDC ＋/-10%, 30mA Max.
Interfaces:     RS-232, USB Keyboard, USB CDC, USB HID

## Environmental

Operating Temperature:     0°C to 55°C (32°F to 131°F)
Storage Temperature:     -35°C to 70°C (-31°F to 158°F)
Extended Temperature:     -35°C to 60°C (-31°F to 140°F)
Humidity:     Maximum 95% non-condensing, dry storage

## Reliability

Operating Life:     1,000,000 cycles minimum
Electronic-MTBF:     300,000 POH based on Bellcore std.
Warranty:     One year, parts and labor

## Mechanical

Media Thickness:     0.015 inches (0.127mm) to 0.038 inches (1.14mm)
Media Formats:     ISO 7811, AAMVA, and other F2F formats
Slot Width:     0.05 (1.37mm)
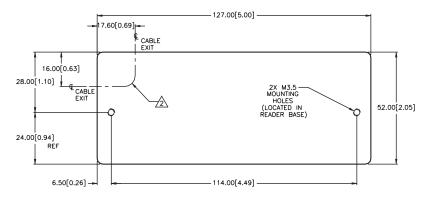Swipe Speed:     3 to 60 inches per second, bi-directional
Dimensions(L) x(W) x (H):     5 inches (127mm) x 2.05 inches (52mm) x 1.38 inches (35mm)
Weight:     1.4 lb. (including power pack)
Cable Length:     6-foot straight cable

Footprint:

Top view showing mounting hole locations and cable exits



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