

Rugged Magnetic Swipe Card Reader

Quick Installation Guide

Introduction

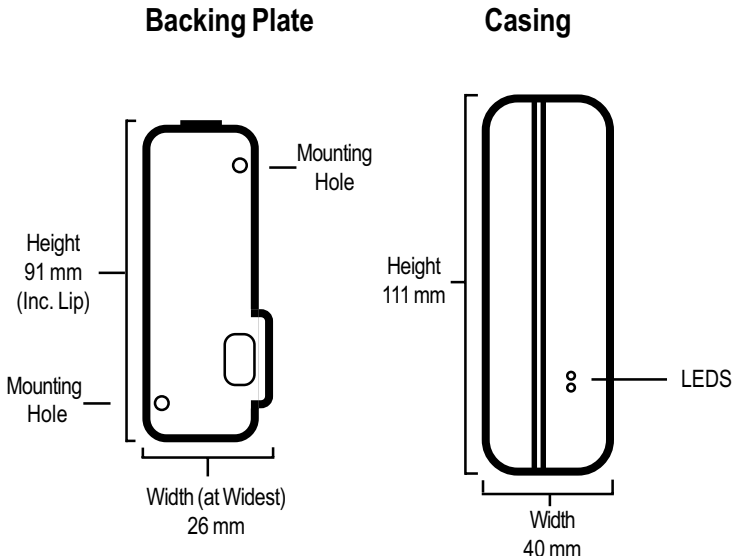
The Rugged Magnetic Swipe Card Reader is designed to operate with Ringdale's high technology access control systems. Its robust construction makes it suitable for environments that will involve heavy use.

It is for use only with cards that have a visible magnetic strip on one side. Swipe the card through the centre of the device and the data will be read and if the user has permission, they can gain access through a door etc. Depending on the use for which the reader is required.

This guide provides details for quick installation of the swipe card reader and should be used in conjunction with the software and hardware manuals for Ringdale access control products as appropriate.

Dimensions

The backing plate and casing for the Rugged Magnetic Swipe Card Reader has the following dimensions:



Installation

Install the Magnetic Swipe Card Reader as follows:

- 1 Place the backing plate against the mounting surface and mark the location for fixing with a pencil through the two mounting holes. The lip of the backing plate needs to be at the top, the wire access hole should be in the bottom right corner. Mark the location for the wire access hole.
- 2 Create the wire access hole in the mounting surface. Take the supplied cable and connect to the access controller and feed the cable through the wire access hole in the mounting surface.
- 3 Strip the cable to expose the six wires that will be connected to the reader (there will be little room for excess cable to be bunched in the reader itself).
- 4 Ensuring that the wires are fed through the wire access hole in the backing plate, align the internal reader unit with the backing plate so that the screw holes match (the LEDs should be in the bottom right corner) and fix both parts to the mounting surface using the supplied screws.
- 5 Fix the wires to the six-way terminal in the internal reader unit. A small, flat screwdriver will be required for this procedure. The terminals and wires are colour coded for ease of fitting:

White to White
Black to Black
Red to Red
Green to Green
Yellow to Yellow
Blue to Blue

- 6 Check device operation to ensure reader is working correctly.
- 7 Fit rugged casing, ensuring that the cavity in the top of the casing hooks onto the lip of the backing plate. The casing is fastened into position using the two small screws on the bottom. An Allen key will be required for this procedure.

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