



# Fanvil WR01 Elevator Card Reader

## Overview

The WR01 is a high-performance RS-485 elevator card reader specifically engineered for Fanvil elevator control systems. Supporting 13.56 MHz IC card identification with a stable reading range of 3 cm to 5 cm, the reader enables precise and secure management of floor access permissions.

## Features

-  Supports 13.56 MHz RFID card
-  Powder-coated metal frame and backlit tempered glass
-  Starlight silver finish delivers a premium look and feel
-  Compatible with Fanvil elevator control systems



## Specification

|                         |                                      |
|-------------------------|--------------------------------------|
| Card Types              | 13.56 MHz RFID card                  |
| Identification Time     | 0.1 seconds                          |
| Communication Interface | RS-485                               |
| Frame Color             | Starlight silver                     |
| Operating Voltage       | 12 VDC                               |
| Operating Current       | 50 mA                                |
| Operating Temperature   | -30 °C to +70 °C (-22 °F to +158 °F) |

|                            |                                                                |
|----------------------------|----------------------------------------------------------------|
| <b>Operating Humidity</b>  | 15% to 95% RH                                                  |
| <b>Mounting Dimensions</b> | Cable hole: Ø20 mm;<br>Screw hole: Ø8 mm                       |
| <b>Product Dimensions</b>  | 86.0 mm × 56.0 mm × 8.0 mm (3.39" × 2.20" × 0.32") (L × W × H) |

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference

(2) this device must accept any interference received, including interference that may cause unde operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

#### FCC Radiation Exposure Statement

This device meets the FCC requirements for RF exposure. The device is designed for normal indoor use and complies with applicable FCC exposure limits.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.