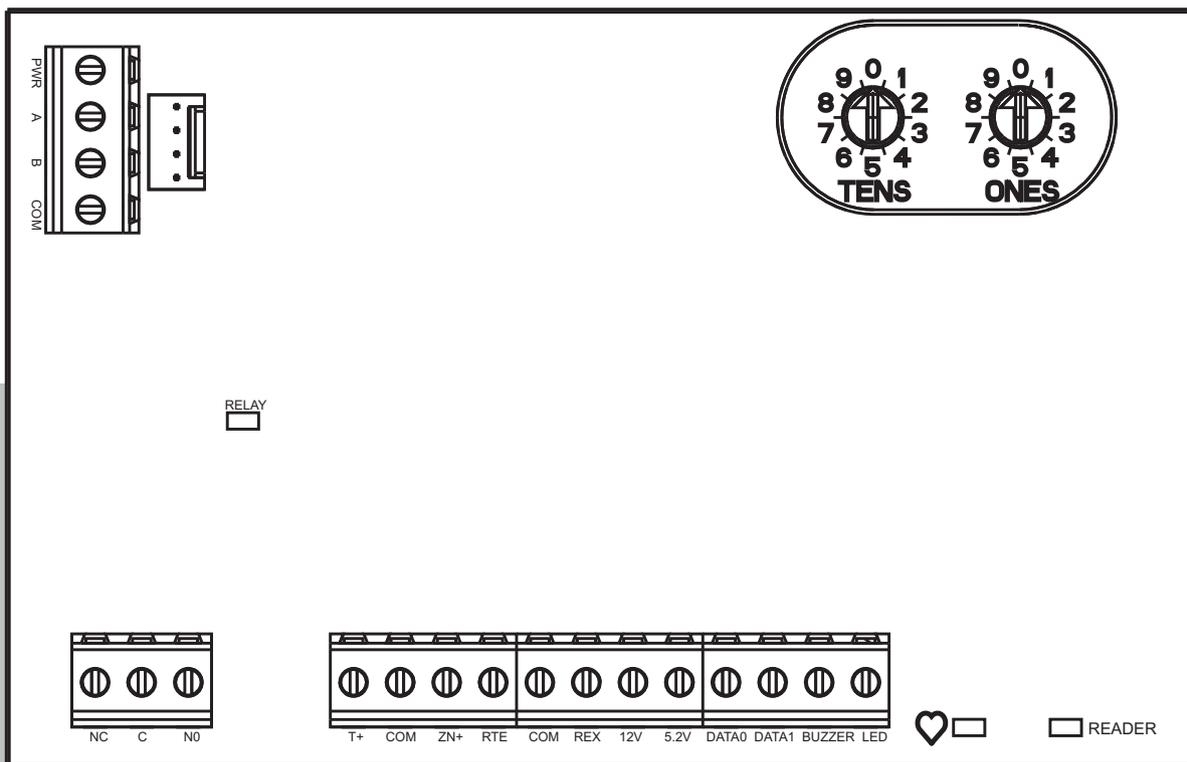


# Access Control Interface Module

B901





## Table of contents

<b>1</b>	<b>Introduction</b>	<b>4</b>
1.1	About documentation	4
1.2	Prerequisite	4
1.3	Requirements	4
<b>2</b>	<b>Firmware version 1.06.004</b>	<b>6</b>
2.1	What's new	6
2.1.1	Support for 32-Bit MIFARE Classic access control credentials	6
<b>3</b>	<b>Firmware version 1.06.003</b>	<b>7</b>
3.1	What's new	7
3.1.1	35-bit Corporate access support	7
3.2	Whats fixed	7
3.2.1	LED behavioral correction	7
3.2.2	Improved 37-bit access card performance	7
3.2.3	Dual card swipe prevention	7
<b>4</b>	<b>Firmware revision history</b>	<b>8</b>
4.1	Firmware version 1.05.003	8
4.1.1	Corrected operation when configured for Interlock point	8
4.1.2	Improve Wiegand specific timing	8
4.2	Firmware version 1.05.000	8
4.2.1	Door shunt time	8

# 1 Introduction

These release notes are for the B901 Door Controller module with firmware version 1.06.004.

## 1.1 About documentation

### Copyright

This document is the intellectual property of Bosch Security Systems B.V. and is protected by copyright. All rights reserved.

### Bosch Security Systems, Inc. product manufacturing dates

#### Manufacturing dates

For product manufacturing dates, go to <http://www.boschsecurity.com/datecodes/> and refer to the serial number located on the product label.

#### Trademarks

All hardware and software product names used in this document are likely to be registered trademarks and must be treated accordingly.

## 1.2 Prerequisite

### B901 version 1.06.004



#### Notice!

If upgrading from 1.03.037 or older, the B901 requires version 1.04.003 prior to upgrading to 1.06.004.

To upgrade B901 to this version (must be connected to SDI2 bus), use RPS 6.03 or higher software to install this firmware version.

New features supported within this firmware release require RPS 6.08 or higher and control panel firmware version 3.08 and higher, to be used and/or configured.

1. Save the firmware file (.fwr) to a directory to which RPS can access.
2. Import the firmware file into RPS. (Config > System > Firmware (tab) > Import (button) > .. (browse to the file directory location) > OK
3. Open the control panel account and connect the control panel.
4. Use the Firmware Update Wizard to update the B901 with the imported firmware file. Refer to RPS Help for detailed instructions.

## 1.3 Requirements

B901 supports the following devices.

### Compatibility

Bosch readers and accessories	ARD-AYJ12 EM Prox Mullion ARD-MINIPROX ARD-PROX-PPL ARD-SER90-WI ARD-SER40-WI ARD-SER10-WI D8223 HID Prox Wall Mount D8224 HID Prox Mullion D8224-SP Low-profile card reader, HIDprox D8225 HID Prox Mini Mullion
-------------------------------	--

	D8229 PIN Reader
Bosch tokens and cards	ACA-ATR13 EM Tokens ACD-ATR11ISO EM Cards ACD-ATR14CS EM Clamshell Cards ACD-IC2K26-50 iClass Cards ACT-IC2K26-10 iClass Tokens D8236-10 HID Prox Cards D8236KF-10 HID Prox Tokens

---

## 2 Firmware version 1.06.004

### What's new

- *Support for 32-Bit MIFARE Classic access control credentials, page 6*

### 2.1 What's new

This section examines the new features of this firmware version.

#### 2.1.1 Support for 32-Bit MIFARE Classic access control credentials

Support of 32-Bit MIFARE Classic credential allows customers who use the MIFARE Classic format access cards to use these cards with Bosch panels and the B901 Access Control interface.

This is in addition to the previously supported 26-bit, 35-bit, and 37-bit format.

---

## 3 Firmware version 1.06.003

---

**Notice!**

Firmware compatibility

If upgrading from 1.03.037 or older, the B901 requires version 1.04.003 prior to upgrading to 1.06.003.

---

### 3.1 What's new

This section examines the new features of this firmware version.

#### 3.1.1 35-bit Corporate access support

Added support for 35-bit Corporate 1000 access cards.

### 3.2 Whats fixed

#### 3.2.1 LED behavioral correction

Fixed LED behavior to support the original intention described in the B901 installation guide.

#### 3.2.2 Improved 37-bit access card performance

Fixed anomaly with high-valued site codes when reading 37-bit access cards.

#### 3.2.3 Dual card swipe prevention

Prevent dual card swipe from satisfying dual authentication criteria.

## 4 Firmware revision history

This section examines the notable features of previous revisions of this firmware.

### 4.1 Firmware version 1.05.003

**Notice!**

Firmware compatibility

If upgrading from 1.03.037 or older, the B901 requires version 1.04.003 prior to upgrading to 1.05.000.

**What's new**

- *Corrected operation when configured for Interlock point, page 8*
- *Improve Wiegand specific timing, page 8*

#### 4.1.1 Corrected operation when configured for Interlock point

#### 4.1.2 Improve Wiegand specific timing

### 4.2 Firmware version 1.05.000

**Whats new**

- Door shunt time

#### 4.2.1 Door shunt time

The longest possible selection for the door shunt time has been extended from 240 seconds to 8 hours.

This selection is available with the following firmware versions:

- Control panel firmware v3.08 or higher
- Remote Programming Software firmware v6.08 or higher
- B901 firmware version v1.05 or higher.







**Bosch Security Systems B.V.**

Torenallee 49

5617 BA Eindhoven

Netherlands

**[www.boschsecurity.com](http://www.boschsecurity.com)**

© Bosch Security Systems B.V., 2023

**Building solutions for a better life.**

202304211700