

---

**Product Release Information: AD-Series Firmware AD.A.130 (ONR)**

<b>Product</b>	AD-Series
<b>Version Number</b>	Firmware Package: ONR AD.A.130
<b>Firmware Release Date</b>	February 2020
<b>Customer Support</b>	For more information or support, visit our document <a href="#">library</a> .

**Attention:**

This document contains the release notes for AD-Series Over-Network-  
Reprogramming (ONR) Firmware Package AD.A.130.

The ONR Firmware Package is intended for our Physical Access Control Software (PACs) providers or Access Control Providers to use for integrating into their System to enable automated online firmware updates.

The following sections describe the release in detail.

**Installation and Update Notes:**

Allegion recommends keeping all devices up to date with the latest firmware and software. We strive to provide the best products and service for our customers.

Our latest firmware and software releases will allow the customer to get the most from their AD-Series devices.

***Who should update?***

All customers interested in the following New Features and Recent Changes should update:

## **New Features:**

- **PIM400-485/PIM400-TD2:** Default RF Channel set to DCS Channel Set 3
  - PIM Devices will now always choose DCS Channel Set 3 as its default RF selection after a Factory Default Reset

**NOTE:** For PIM400-B devices, the default will be set to DSC Channel Set 2.
- **MTK2:** Card Detection Firmware Version feature
  - Lock Properties in SUS 6.8.2 or later will now display the PIC12 Firmware Version under “Card Detection Firmware Version”
- **MTK2:** Support added for retry feature for card reads
  - This feature can be configured to add an additional retry to card reads
- **MTK2:** Support added for the Apple Student ID Credential
  - Apple Student ID Credentials are now supported
  - Added support to enable/disable TRA (Transmit Request Authentication) through SUS and RSI protocol
- **FMK2:** Support added for False Wakeup Diagnostic reporting
  - False Wakeup count will be displayed as part of the diagnostic log

## **Recent Changes:**

- **MTK2:** Read time improvements
  - Optimizations to improve the performance of MTK2 card read time
- Support added for DESFire Secure UID Credentials
  - Only enabled through a configuration card
- Support added to output Felica CSN in reverse order
  - Only enabled through a configuration card



**Version Compatibility:**

The AD.A.130 Package contains the following individual product firmware versions:

**NOTE:** All Devices that have been updated in the AD.A.123 release are listed in **bold** in the table below:

<b>Devices</b>	<b>Firmware Version</b>
<b>AD-300</b>	<b>2.50.1</b>
<b>AD-302</b>	<b>2.2.1</b>
<b>AD-400</b>	<b>2.50.1</b>
<b>AD-402</b>	<b>2.2.1</b>
<b>KP-PR-SM-MT</b>	<b>2.48.0</b>
<b>KP-PR-SM-MT2</b>	<b>2.4.3</b>
MG	2.44.0
<b>PIM400-485-RSI</b>	<b>2.30.1</b>
<b>PIM400-485-VBB</b>	<b>2.30.1</b>
<b>PIM400-TD2</b>	<b>2.26.0</b>