

# AlarmOctopus Release Notes

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## Version Notes

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### 24 October 2024

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We have split the product into two included modes - CP and PD. The default mode is PD, or Perihepral Device. The other mode is CP mode, where the board can act as a control panel, injecting Wiegand into other devices. The CP mode has been added to change mode and configure the CP mode.

The internal help has been significantly improved.

### 27 April 2024

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Pre-release firmware was experiencing issues when conencted to an InnerRange Inception, particularly when multiple OSDP ports were enabled, and espicially when a SIFER reader was also connected. The latest version of the firmware has fixed this issue, and also reduces the load on the processor.

In addition, the firmware now detects duplicate OSDP addresses on the bus, and disables those ports until there is no longer a clash. A clash will be indicated by a message on the serial port, but can also be viewed with the `mask` command.

### 12 March 2024

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The production boards have no known issues

### 1 March 2024

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The pre-release hardware has two issues. These issues will be resolved in production:

- Wiegand Port 7 may be used for output only
- The LED and Buzzer outputs on Port 4 are not operational

## System Notes

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### InnerRange

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The minimum supported software release for the InnerRange Inception for use with the internal OSDP port is v6.1.0.6954

### InnerRange ILAM and SLAM Expansion Boards

ILAM and SLAM boards connected to an AlarmOctopus work correctly when connected to Inception, Integrity or Infiniti controllers. The ILAM will support up to 16 OSDP ports, and the SLAM up to 4 OSDP ports.

It is important with the ILAM or SLAM to adopt the board into the system. Failure to do this will result in the AlarmOctopus refusing to stay connected. Adopting the board into the system will result in correct operation.

## **InnerRange Integrity/Infiniti**

We have yet to test it, but believe that the AlarmOctopus should work using the on-board reader port on the Integrity/Infiniti Access Controller (IAC). Once we have a chance to test this functionality, we will update our advice. This would give access to 16 OSDP ports.

Alternately, using an ILAM or SLAM will support 16 or 4 ports respectively.

## **InnerRange Inception**

We have tested the AlarmOctopus with the InnerRange Inception, and have had good results, both directly connected and when connected to an Intelligent Lan Access Module (ILAM), or a Standard Lan Access Module (SLAM). When using the AlarmOctopus with the Inception, it is important that the latest version of the Inception firmware be installed. AlarmOctopus will *not* operate at all with firmware versions less than v6.0.

Pre-release AlarmOctopus firmware had issues with the Inception when directly connected, particularly when there was also a SIFER reader connected to the same bus. All firmware as of April 20, 2024 appears to be operating correctly.