



Software Release Notes – April 2020 (Version 2.7.1)

Version 2.7.1 - Major Release

- 4 Different HUD Modes (Calibration/Hybrid, Inches, Millimetres and Off)
- Centre Crosshair can be set to semi-transparent RED, BLACK or OFF
- Calibration for MOA and MRAD in Pixel Size
- Scope setting can now be set to 1/2MOA, 1/4MOA, 1/8MOA and 1/10MRAD
- Distance Setting for Sighting in now tells adjustment in clicks based on scope setting
- Undo Feature – Pressing “Backspace” on the keyboard will UNDO the shots in sequence

Outstanding Issues / Bugs:

- There's an issue with RTSP IP 3rd Party Cameras with automatic detection (app terminates)
- There's an issue with RTSP IP 3rd Party Camera returning to main menu (app terminates)

Software Release Notes – February 2020 (Version 2.6.1)

Version 2.6.1 Release – This is the minor release for the year and corrects a few bugs that have been reported by users of the software.

- **GENERAL SOFTWARE IMPROVEMENTS**
A memory leak was found that has now been fixed, this was causing problems when de-skewing the target and eventually the application would crash.
- **3RD PARTY / DIY CAMERA SYSTEMS**
Massive overhaul of RTSP Image processing, problems found with high resolution cameras and the image breaking up. The buffer size has been increased to correct this problem. ONVIF controls have also been implemented as well.



Software Release Notes – May 2019 (Version 2.3.1)

Version 2.31 Release – This is the first major release for the year and corrects a few bugs that have been reported by users of the software and introduces a few new features (diagnostics and 3rd party camera support).

- **AUTOMATIC DETECTION**

Fixes to automatic detection/false positives on shrubs, trees or grass moving around the target area. Now the target area/detection area has to be defined before switching on automatic detection.

- **3RD PARTY / DIY CAMERA SYSTEMS**

Support for 3rd party camera systems (e.g. other manufacturers) or do-it-yourself target camera systems that use MJPEG or RTSP streaming protocols. Note 3rd party or DIY systems have no software support, only best endeavours to correct problems with the software (RTSP cameras differ quite a lot depending on manufacturer).

- **DIAGNOSTICS**

Introduction of diagnostic logging information, not only of software but also for diagnostic recording of images/automatic detection. This is designed to help improve the software via user logs and reporting (these have to be sent manually, there is no automatic reporting).

- **GENERAL SOFTWARE IMPROVEMENTS**

The main code loop/program block has been streamlined to be simpler with various large code segments being split out of the main program loop into their own components/modules. This is designed to improve the speed of future development of the software, though there's been some small performance improvements.



Software Release Notes – 25th June 2018

Version 2.1.5 Release – De-Skewing Feature, Bug Fix for Video Recording and Ammunition Database update for user review and change in location for where images are stored.

(1) – De-Skewing Feature (Region Select and Region Zoom)

You can now “de-skew” your target, so it appears as the target is facing you directly. You can achieve this by clicking on “Region Select” and defining 4 points of your target, then the software will “de-skew” the camera image. From this you can then adjust the zoom on the target so it will fill the screen according to how much you want to zoom in by.

(2) – Bug Fix – Video Recording

In order to enable video recording in Windows 7 / 10, an additional component needs to be installed. You can do this from the main menu by clicking on the button “Install Video Recording Component”. This was a bug identified by other users when trying to click the record button and it was coming up with an error.

(3) – Ammunition Database – (Minor Pre-Release Update)

This is more for feedback from users on how to progress with this feature. The left-hand example in the ammunition database is of a 3D rotating packet of ammunition vs. the right-hand static rendered image of a packet of ammunition. Depending on feedback from users, we’ll either go with 3D rendered/rotating or just static rendered image of ammunition for the database.

(4) – Location of Where Images and Videos are Stored

Previously, images and videos recorded would be stored in the “My Pictures” folder under “AUS Precision”, we’ve changed the location to the users “Desktop\AUS Precision” for quicker / easier access to review the images and videos.

Software Release Notes – 5th May 2018

First major release for the year. While not many new features, the two main features are:

(1) – Digital Code Signing

All of our code is now verified and digitally signed with a code signing developers certificate – quite an involved process with business registration, government certification documents for our business and a fair bit of re-engineering of the code to accept code signing certificates.

(2) – Automatic Software Updates

With the re-engineering of the code, future updates will be automatically installed when the software launches (it will check for updates when your computer is connected to the internet and running the program) – obviously this helps with not having to un-install and then re-install updated software that we release. Next software update will probably be around early June 2018 with a few new features.

(Note: This will be a continually expanding document with previous release notes contained)

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