

Tobii Pro Glasses 3 Release Notes

Customer release 2021.1

Pro Glasses 3 controller app updates

Version number:

Windows v1.5.9

Android v1.5.7

New

- Windows:
 - Pro Glasses 3 can now be connected directly through an ethernet cable to a Windows computer.

Improvements

- Improved UI for recording info dialogue.
- Windows:
 - Quicker discovery of the Pro Glasses 3.

Resolved Issues

- Fixed a bug where the calibration button was available for disconnected Pro Glasses 3.
- Android:
 - Fixed a bug where volume and timeline sliders were not draggable in replay.
 - Fixed a bug where the stop recording button in portrait mode had too large area.

Pro Glasses 3 firmware updates

Version number 1.14.3

Resolved Issues

- Calibration false positives.
 - Previous firmware versions had a bug where a failed calibration could be reported as successful. When this happened, the default calibration would be applied, leading to worse accuracy.
- Calibration timeout causing failed calibration.
 - Calibrations often failed when they could have been successful due to that there was an internal timeout that was too low. This has been fixed with increased timeout from 1 to 2 seconds and optimized calibration procedure.
- Failing calibration sometimes caused Pro Glasses 3 to disconnect.

Pro Glasses 3 API changes

New

- Gaze overlay in video can now be drawn directly onto the video (both live streamed and saved recording). It is toggled with property in `/settings/gaze-overlay`.

- Direct connection with ethernet cable between Windows computer and Pro Glasses 3 is now supported.
- Wi-Fi channel for the access point (AP) can now be changed via a property in the API.

Improved

- Frequency changes are now integer values instead of strings containing "100hz", "50hz" and "default" as string values.
- Wi-Fi parameters found under Wi-Fi settings no longer contain default values. Changes are applied to the following parameters:
 - Act as Access-Point
 - Pre-Shared-Key
 - SSID
- API can now handle object calling invalid action.
 - Calls to invalid actions on objects in the API previously led to a restart of firmware. This is no longer so.
- Possible to set NTP through DHCP servers