

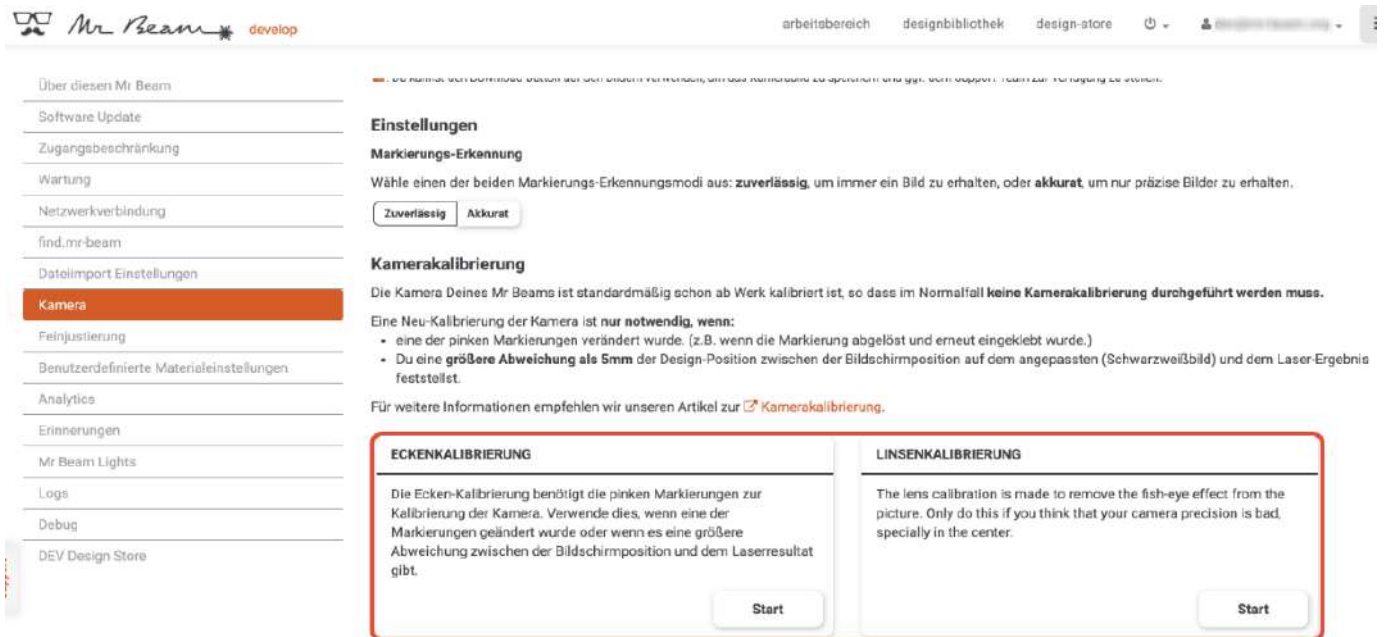
Camera Calibration: General information

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Your Mr Beam's camera is **factory calibrated by default**, so there is normally **no need to calibrate the camera**. However, if you are experiencing problems with the camera or with the preview image of the working area, Mr Beam offers two types of camera calibration in the software settings: a **corner calibration** and a **lens calibration**. Please make sure to evaluate first, whether a new calibration is really needed. Also, to exclude different reason for camera malfunction, we recommend having a look **at the camera troubleshooting article** (<https://support.mr-beam.org/en/support/solutions/articles/43000582595-trouble-shooting-how-to-solve-problems-with-the-camera->) first.

The **corner calibration** is described in detail **in the following article** (<https://support.mr-beam.org/en/support/solutions/articles/43000065908-camera-calibration>), and is generally required if one of the pink markers has been removed, or if there is a bigger deviation between screen picture and the laser result.

The **lens calibration** is **described in the following article** (<https://support.mr-beam.org/en/support/solutions/articles/43000598109-camera-calibration-lens-calibration>), and is made to remove the fish-eye effect from your camera picture. Only do this if you think that your camera precision is bad, specially in the centre.



The screenshot shows the Mr Beam software interface. The top navigation bar includes 'arbeitbereich', 'designbibliothek', 'design-store', and a user profile icon. The left sidebar contains a menu with 'Über diesen Mr Beam', 'Software Update', 'Zugangsbeschränkung', 'Wartung', 'Netzwerkverbindung', 'find.mr-beam', 'Dateiimport Einstellungen', 'Kamera' (highlighted in orange), 'Feinjustierung', 'Benutzerdefinierte Materialeinstellungen', 'Analytics', 'Erinnerungen', 'Mr Beam Lights', 'Logs', 'Debug', and 'DEV Design Store'. The main content area is titled 'Einstellungen' and 'Markierungs-Erkennung'. It offers two modes: 'Zuverlässig' (selected) and 'Akkurat'. Below this is the 'Kamerakalibrierung' section, which states that the camera is factory-calibrated and provides instructions for when a new calibration is necessary. At the bottom, there are two calibration options: 'ECKENKALIBRIERUNG' (Corner Calibration) and 'LINSENKALIBRIERUNG' (Lens Calibration), each with a 'Start' button. The 'LINSENKALIBRIERUNG' section includes the text: 'The lens calibration is made to remove the fish-eye effect from the picture. Only do this if you think that your camera precision is bad, specially in the center.'