

Beykana 3D Scanner



Welcome to **Beykana 3D Scanner**, which allows you to perform three-dimensional scanning quickly and practically with your mobile device! In this guide, you will find everything from the installation of the application to its basic functions and tips that will help you achieve the best results.

1. Downloading and Installing the Application

1. Open Google Play Store.
2. Type **Beykana 3D Scanner** into the search bar.
3. Tap the “Install” button; when the download is complete, the “Open” option will appear.
4. On first launch, approve the camera and file permissions.

2. Open the Application and Get to Know the Main Menu

On the first screen, you will see the following buttons:

- **Beykana 3D Scanner** (main title)
- **Fixed Scan** (automatic photo sequence from a single point)
- **Moving Scan** (scan by sliding the device angle)
- **Gallery** (view your previous scans)
- **About** (application version, developer information, social media links)
- **Exit** (exit the application)

3. Fixed Scan (“Fixed Scan”) Screen

Descriptions according to the image below:

Section	Description
1. Preview Window	Live camera stream. Frame the object from a fixed angle here.
2. “Shot X / Y” Indicator	E.g. “Shot 0 / 0”: Shows the total number of shots and the current frame number taken.
3. Capture Speed (ms)	Enter the time interval between photos in milliseconds (e.g. 500 ms).
4. Number of Shots	Specify the total number of photos to be taken (e.g. 10).
5. START Button	Automatically takes photos at the specified speed and quantity in a fixed position.
6. EXIT Button	Allows you to exit the “Fixed Scan” mode and return to the main menu.

How to Use?

1. Frame Interval and Count

- Enter the time between photos in the “Capture Speed (ms)” field.
- Enter how many total frames you want to capture in the “Number of Shots” field.

2. Taking Photos

- Tap the **START** button. The application will automatically save photos at the selected interval and number while keeping your phone steady.

3. Monitor Progress

- Track how many frames have been taken with the “Shot X / Y” indicator.

4. Check the Gallery

- When all captures are complete, the photos are saved to your device’s Pictures/Beykana3DScanner/Sabit/ folder.

5. Exit the Mode

- You can return to the main menu at any time using the **EXIT** button.

Tip: For clearer details, try selecting a higher frame interval (e.g. 1000 ms) and more than 20 photos.

4. Moving Scan (“Moving Scan”) Screen

Descriptions according to the image below:

Section	Description
1. Preview Window	Live camera stream. View the surrounding image of the object here.
2. “Shot X / Y” Indicator	E.g. “Shot 0 / 0”: Shows the total number of shots and the frame taken so far.
3. Capture Speed (ms)	Enter the time interval between photos in milliseconds (e.g. 1200 ms).
4. Number of Shots	Specify the total number of photos to be taken (e.g. 20).
5. Autofocus Duration (Dropdown Menu)	Select the autofocus delay in milliseconds (e.g. 1000 ms).
6. START Button	Starts scanning: Performs automatic focus + capture at the selected speed and number.
7. EXIT Button	Allows you to exit the “Moving Scan” mode and return to the main menu.

How to Use?

1. Speed and Count Settings

- Enter the time between photos in the “Capture Speed (ms)” field.
- Enter how many total frames you want to capture in the “Number of Shots” field.
- Select the autofocus delay in milliseconds from the dropdown menu. (Generally choose values close to your capture speed such as 100–300 ms difference.)

2. Start Scanning

- Tap the **START** button. The application will autofocus for the selected delay and take the specified number of photos at intervals.

3. Monitor Progress

- Track how many frames have been taken from the “Shot X / Y” indicator.

4. Check the Gallery

- When all captures are complete, the photos are saved to your device’s Pictures/Beykana3DScanner/Hareketli/ folder.

5. Exit the Mode

- You can return to the main menu at any time using the **EXIT** button.

Tip: For objects with complex details, you can guarantee clear focus on each frame by using a higher delay (e.g. 1500 ms).

5. Gallery Screen

Descriptions according to the image below:

Section	Description
1. Mode Selector	Allows you to switch between “Fixed” or “Moving” scanning modes.
2. Photo Grid	Displays all the photos you have taken as small previews.
3. Delete Button	Permanently deletes the selected photo from your device.
4. Exit Button	Allows you to exit the Gallery mode and return to the main menu.

How to Use?

Mode Selection

- View the gallery according to the “Fixed” or “Moving” scanning mode from the dropdown menu at the top.
 1. **Review Photos**
 - Tap the thumbnails in the grid to see the full-size version of the photos.
 2. **Deleting**
 - While viewing the full-size photo, tap the **DELETE** button to remove it.
 3. **Return to Main Menu**
 - Press the back arrow in the upper left corner of the screen or the **EXIT** button below to return to the main menu.

Tip: When there are many photos in the gallery, you can quickly browse all your records by swiping your finger.

6. About Screen

In the **About** section:

- Application description (“This application... has been developed to convert photographed objects into 3D models.”)
- Developer: **Beykana**
- Version: **1.0.1**
- Social Media (Instagram, YouTube, X, Facebook) buttons
- Exit button

7. Tips for Best Results

- **Tripod or Stabilization:** Stabilize your device in Fixed Scan for best clarity.
- **Slow and Balanced Movement:** Move the device slowly in Moving Scan and avoid sudden turns.
- **Adequate Lighting:** Illuminate the object with soft, shadow-free light.
- **Plain Background:** Use a single-colored, uncluttered surface around the scanned object.
- **Bluetooth Remote Trigger:** If you have enabled Bluetooth remote support, you can start the capture with the Bluetooth button and enjoy a completely hands-free scanning experience.

8. Support and FAQ

For Frequently Asked Questions and our contact information, use the “Contact” buttons on the “About” screen or directly:

- **Email:** beykana@gmail.com
- **Web:** www.beykana.com

Using Beykana 3D Scanner, scan quickly in both Fixed and Moving modes, create models and get output!