

Droid Scan Mobile App Guide for Users

What is Droid Scan?

Droid Scan is a mobile app that turns your phone or tablet into a portable document scanner.

Goal: Replace Dedicated Image Scanners

- ▶ The camera in your mobile device can capture any image, including a document. Droid Scan uses advanced technology, including edge detection, perspective correction, and image enhancement, to turn this simple idea into a powerful image scanning tool.

Basic Features

- ▶ Record business cards, white boards, full page documents, and receipts.
- ▶ On-phone conversion: complete confidentiality, no subscription fees.
- ▶ Easy creation of multi-page PDF documents and ZIP files.
- ▶ Share via Gmail, Box, Dropbox, and many more.

Advanced Features

- ▶ Ultra high resolution scans that preserve most of the pixels in the original photo.
- ▶ Batch processing, to create multi-page documents with just a few clicks.
- ▶ Document shape recognition, for perfectly shaped scans in standard formats like US Letter, US Legal, A4, A3, etc.
- ▶ Support for architectural and engineering paper sizes.
- ▶ Compatible with OCR by Google Drive and Evernote.

Getting Started

The first time you run Droid Scan, tap the app icon to open a navigation drawer with an overview of all features. Click *Import an image* or *Take a picture* to begin converting images to scans.

Once an image is acquired, the context sensitive button bar displays a “Convert” action that you can click to open the edge detect and color enhancement screens. These screens display a preview of the final scan with instant feedback. When you’re finished making adjustments, Droid Scan will return to the scan gallery while processing the full-size scan in the background.

The Scan Gallery

From the scan gallery you can view, reorganize, and share scans using the action bar at the top of the screen and the context-sensitive button bar at the bottom of the screen.

Creating and Sharing a PDF File

To create a multi-page PDF file, just select a group of scans by clicking them, and then click the Share PDF button in the action bar. PDF files are created on demand from JPEG images, and stored in the public Documents folder. Note: creating PDF files is a Pro feature.

Sharing JPEGs

JPEG is the native format for scans, as with photos, and you can also share scans in this format (it's the only option offered by the free version of Droid Scan). Click one or more scans to select them, and then click the Share JPEG item on the action bar. If you share more than one JPEG, the scans will be shared one at a time with certain apps, or all at once with apps that support it.

Creating ZIP files

To make emailing and uploading multiple JPEG images more convenient, Droid Scan includes a built-in *Create ZIP* feature, which will appear in the chooser dialog when you share JPEGs. Create ZIP stores files in the public Documents folder.

Understanding the Design

The scan gallery uses a transitional user interface design that was created before the Android 4.0 user interface conventions were established. If you are more familiar with Android 4.0-style user interfaces, you can understand the design best by thinking of the scan gallery as always in multi-select mode.

Clicking scans toggles their select state. Any operation on a scan, including viewing the scan, is done by selecting it and using one of the action buttons. Long-clicking a scan will select or un-select several scans at once.

Pricing and availability

Droid Scan for Android 4.1+ is available now. Droid Scan Pro sells for \$4.49. Droid Scan Lite is free and ad-supported.

Contact

Droid Scan was developed by Trans-code Design.

- ▶ Email: support@droidscan.com
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- ▶ Twitter: [@droidscan](https://twitter.com/droidscan)

Droid Scan Mobile App Guide for Users Part 2: Advanced Features

Advanced User Interface Features

Droid Scan has two custom user interface features designed to streamline the workflow for advanced users: *long press shortcuts* and *slide navigation*.

Long Press Shortcuts

In many places throughout the app, wherever a button can be pressed to bring up a set of options or a detailed workflow, it can also be long-pressed to instantly perform a default action which is chosen based on previous user interaction. For example you can:

- ▶ Long press *Import an image* or *Take a picture* to acquire an image from the last source used.

Slide Navigation

Left and right swipes can be used throughout the app to move to the next or previous logical screen, as long as those gestures aren't used by the current screen. For example:

- ▶ Custom dialogs can be dismissed by swiping from left to right.
- ▶ Swiping a chooser dialog from right to left will pick a default option, if available.

Advanced Features: Ultra-high Resolution Scans

In order to create the highest possible resolution scan from a JPEG image, even on a device with limited memory, Droid Scan can partition the image into tiles and process them sequentially. To enable this alternate code path, go to the settings screen and choose *Ultra* as the scan resolution.

Tiling takes a little longer, and ultra-high resolution scans take up more space on your device, so you may prefer to leave this feature off if you don't need it.

Advanced Features: Optical Character Recognition

One good reason to use ultra-high resolution scans is that you would like to perform optical character recognition (OCR) on them.

Droid Scan does not perform OCR natively, but it is compatible with web-based services that perform OCR, including Google Drive and Evernote.

Advanced Features: Batch Processing

If you are using the paid version of Droid Scan, and there is more than one un-converted new import or capture in the scan gallery, *batch processing* is enabled. A dialog will appear asking whether you would like to process the scans as a group using default settings.

Two optional features complement batch processing:

- ▶ Batch import allows you to select multiple images from the photo gallery and import them all at once;
- ▶ Turbo capture allows you to launch the camera, take several photos, and import them all at once.

Both features are useful in combination with batch processing when you would like to convert a multi-page document as quickly as possible.

Advanced Features: Document Shape Recognition

After correcting for perspective to “flatten” your document captures, Droid Scan uses advanced heuristics to determine the aspect ratio of the original document. For standard document types it can do an even better job by “snapping” the aspect ratio to the nearest known shape.

This feature can be turned on or off from the settings screen or overridden on a case by case basis from the image enhancement screen.

Advanced Features: Organizing Scans

Scans are by default grouped into a single project named “Project 1,” but if you would like to use Droid Scan to manage a big library of scans, you can rename the default project, create new projects, and move scans from one project to another.

- ▶ Internally, a project is really just a tag associated with a scan.
- ▶ To move scans, select them, click the *Move* action, select a destination project, and click move again in the dialog.
- ▶ To rename a project, select one of the scans with that tag, click the *Rename* action, and click rename again in the dialog.