QArchiv – Official User Manual

For Android | Version 1.516 | Developed in Hameln, Germany

1. What is QArchiv?

QArchiv is a privacy-friendly Android app for legally secure photo documentation.

It automatically stores:

✅ Exact system time (non-manipulable)

✅ GPS location (if permitted)

✅ Optional: Your code, a voice note, or a QR/barcode

✅ Bilingual interface: Full UI in German or English (selectable in camera settings)

→ All data is stored in the original EXIF metadata block of the photo.
→ 100% offline – no cloud, no internet required, no subscription.

2. Supported Barcode Formats

Thanks to Google ML Kit (100% offline), QArchiv supports all common 1D and 2D barcodes:

✅ QR Code

✅ Data Matrix

✅ Aztec

✅ Code 128 / 39 / 93

✅ EAN-13 / EAN-8

✅ UPC-A / UPC-E

✅ ITF (Interleaved 2 of 5)

✅ Codabar

→ Simply tap "🔍 Scan" – QArchiv automatically detects the format.

3. Installation

⚠️ Note: QArchiv is distributed directly via our website – not via Google Play.

Installation steps:

Open in browser: https://qarchiv.de

Tap "Download QArchiv-1.516-TrueQ-release.apk"

Open the APK in your Downloads folder

If prompted: Allow "Install from unknown sources" (Settings → Security)

Tap "Install"

Open QArchiv like any other app

💡 Tip: After installation, you'll find QArchiv in your app menu – no need to download again.

4. First Steps – How to Take a Legally Secure Photo

Open QArchiv

Optional:

Enter code manually (keyboard or voice input via microphone)

Scan QR/barcode → The code is stored in the EXIF field UserComment (prefix selectable, default: GCM_TAG)

Tap " 📷 Photo" → The button is always visible – even without a code!

Optional: Tap " 🎤 Note" for voice description (license required) → stored in Image_Description

💡 Important:

No code? → No artificial placeholder (NO_CODE) in EXIF

Multiple photos per code possible – sorted by timestamp

Since v1.40: After tapping "OK", the "Cancel" button disappears – clean UI

Since v1.512: What you see in the camera preview is saved exactly – no missing edges!

5. New Controls in v1.516

🔊 Optical Feedback (White Flash)

On every capture, the screen flashes white briefly

Serves as immediate, discreet confirmation that the photo has been saved

Always active – cannot be disabled (minimal-invasive design)

Works even in bright ambient light

○ Remote Trigger via Volume Buttons

Press any volume button (↑ or ↓) to trigger a photo

Also works with Bluetooth remote shutters (they emulate volume keys)

Requirement: Code entered + Camera active

Without code: Volume buttons control system volume as usual

💡 Practical Tip: Ideal for use with gloves, on a tripod, or for discreet captures – no need to tap the screen.

6. QArchiv Gallery – Overview & Management

All photos sorted by code, newest top-left

Delete: Long press → Multi-select → Confirm deletion

No bulk deletion – every deletion is explicit

7. PDF Reports (v1.2 → v1.516)

Two options:

◆ Generate all PDFs

◆ Generate only selected PDFs (since v1.40)

How to:

Cloud icon → " 📄 Create PDF" → "Next"

Select: "Generate only selected PDFs"

Mark codes via checkbox → "Create"

Each PDF contains:

1 photo per page

Date, GPS, voice note (if available)

Full SHA-256 hash

Image scaled to 75% of A4 height

Metadata directly below

Company Logo on PDF Cover Page (with license)

With a license, you can embed your own logo in the PDF:

In the PDF creation menu: Enable "Insert logo on cover page"

Select logo from gallery (max. 300×150 px)

Logo is centered in the lower area of the cover page

Below: the proven footer with timestamp remains

Logo remains saved until manually deleted

Multilingual Footer:

DE: "Erstellt mit QArchiv – 100 % offline, DSGVO-konform"

EN: "Created with QArchiv – 100% offline, GDPR-compliant"

Optional ZIP Attachment: The ZIP attachment is optional – enable it via checkbox when creating PDFs. Works for both "All" and "Selected".

Where are the PDFs?

Public: Documents/QArchiv → directly shareable

Internal: /Android/media/com.inge.qarchiv/reports/ → visible only via PC (for FTP)

Multilingual Reports:

Switch the app language → create another PDF
Example: ..._A1_de.pdf + ..._A1_en.pdf → both are retained

8. Upload to Your Server (FTP/FTPS)

Supported: FTP and FTPS (encrypted) – no FTPES

Setup:

Gear icon → "FTP/FTPS Upload"

Enter server details → "Test connection" → Save

Upload Options:

Upload files only

Upload in folders (/no_code/ for photos without code)

Upload PDFs + delete (deletes only internally)

Delete PDFs only (public copy remains!)

✅ FTP upload works without a license
✅ PDF creation is unlimited – even without a license

9. Camera Functions

Voice note (Premium): Stored in EXIF field Image_Description

Macro mode (Premium): Zoom-based optimized (5x with hardware support, otherwise 3x)

Left-handed mode: Moves controls to the left

Flash: On/Off/Auto → persists after restart (since v1.40)

Image sizes: 2.8 MP to 20 MP

EXIF prefix: Default GCM_TAG, freely changeable

Language: Switchable instantly in camera settings menu

Since v1.512: Preview = Capture – exactly the same image section

Since v1.516: Stability improvements (CameraX optimizations)

10. Legal Security & SHA-256

The SHA-256 hash includes:

The pure photo

Code (User_Comment)

GPS location (if enabled)

→ Not included: Software tag (contains the hash itself), voice note
Stored in EXIF field Software: QArchiv 1.516 • SHA256: a1b2c3d4...
✅ Reproducible, verifiable, court-admissible
✅ PDF reports contain the same hash

11. Frequently Asked Questions (FAQ)

Q: Are photos visible in the normal gallery?
A: Yes – including map view when GPS is available.

Q: Can I take photos without a code?
A: Yes – without artificial EXIF placeholder.

Q: Where do PDFs land on the device?
A: Publicly in Documents/QArchiv, internally in the reports folder.

Q: Is QArchiv GDPR-compliant?
A: Yes – your data never leaves your device unless you choose to upload.

Q: Does QArchiv support English?
A: Yes – full bilingual support since v1.31.

Q: What's new in v1.516?

Optical feedback: White screen flash on every capture (discreet, always active)

Remote trigger: Volume button triggers photo – compatible with Bluetooth remotes

Stability improvements: CameraX optimizations, more robust zoom control

Macro mode: Zoom-based optimized (5x with hardware support, otherwise 3x)

Q: Does the remote trigger work with Bluetooth remotes?
A: Yes – most Bluetooth remotes emulate volume keys and are automatically recognized.

Q: Can I disable the optical feedback?
A: No – it is designed to be minimal-invasive (100ms, 80% transparency) and does not interfere with workflow.

12. Support

✉️ support@qarchiv.de

🌐 https://qarchiv.de

→ Personal, fast, and discreet assistance.

New in v1.516: Optical feedback + remote trigger – for even more efficient documentation.
Powered by TrueQ.