



DATASHEET · CREATE · AI-OCR

Scanned, but impossible to search? Now every scan turns into text.

AI-OCR reads scans, photos and PDFs and returns text with a position and confidence score for every line, plus QR codes and barcodes, tables and a searchable PDF. For teams that work with paper and images: in the app, via REST API and via MCP.

AT A GLANCE

Three tiers: Basic reads text with positions, Premium adds QR codes, barcodes and a searchable PDF, and Ultra also delivers tables, layout and handwriting.

01 · WHAT IT IS ABOUT

To search, a scan is just a picture. AI-OCR makes it readable.

To any search, a scanned page is just an image. If you need its content, you retype it or flip through by hand. AI-OCR recognizes the text on every page, records where each line sits and returns everything as text, Markdown, JSON or a searchable PDF.

INPUT

PNG, JPG, TIFF, BMP, WEBP and PDF, including multi-page; up to 20 MB per file in the app

OUTPUT

Text, Markdown and JSON with a bounding box and confidence per line, plus a searchable PDF

ACCESS

In the app, via REST API and as the MCP tool `po_aiocr_analyze`

LANGUAGE

The language of every page is detected automatically and included in the result

**Text with position**

Every recognized line comes with a bounding box and a confidence score, so you can check and highlight each result on the page.

QR codes and barcodes

From Premium up, AI-OCR also reads QR codes and barcodes on the page and returns their content and position.

Searchable PDF

From Premium up, you get a sandwich PDF: the original scan with an invisible text layer you can search and copy.

Tables as data

Ultra detects tables with rows and columns and returns them as structured JSON, together with the page layout.

Handwriting

Ultra also reads handwriting, such as notes on forms and delivery notes, and returns it with positions like printed text.

Part of AI-DMS

In a workspace, AI-OCR runs as part of AI-DMS processing. Afterwards, the text of the processed pages is in search.

02 · HOW IT WORKS

Upload a file, pick a tier. Check the result and use it.

In the app, you upload a file and see the result right on the page. Via REST API and MCP, the same job runs with the same three tiers.

1

Upload a file

Drag an image or PDF into the field or click to choose one: PNG, JPG, TIFF, BMP, WEBP or PDF up to 20 MB.

2

Pick a tier and start

Under `OCR mode`, choose Basic, Premium or Ultra and click `Start AI-OCR`. Multi-page PDFs are read page by page.

3

Check the result

In the `Text Positions` tab, click a region to see its text, position and confidence. `Tables` shows detected tables.

4

Pass it on

Continue with `Download Searchable PDF` or `Export JSON`. Via API: POST `/job/add/paperoffice_aiocr___generate` with `ocr_mode`.

TECHNICAL DATA

FEATURE	DETAILS
Input formats	PNG, JPG, TIFF (including multi-page), BMP, WEBP, PDF (multi-page)
Output	Text, Markdown, JSON with bounding boxes and confidence; tables and layout as JSON; sandwich PDF
Tiers (ocr_mode)	basic = text, premium = grid, ultra = complete
REST API	POST <code>/job/add/paperoffice_aiocr___generate</code> , result in the response or by job ID
MCP tool	po_aiocr_analyze, file via upload_id, file_url or a pofid from the workspace
In the workspace	During AI-DMS processing, started via <code>Actions > Agents & workflows > AI-DMS</code>
Language	Automatic detection per page

03 · IN PRACTICE

Paper turns into data. No retyping, no templates.

Make an old archive searchable

Scanned files run through Premium and come back as sandwich PDFs. From then on, you can search, highlight and copy the text in each PDF.

Line items from delivery notes

Ultra detects the line-item table on a delivery note. The rows come back as a structured table in JSON, ready for further processing without retyping.

Text recognition in your own app

A development team sends photos from its own application to the REST API and gets text with positions back, for example to highlight fields directly on the image.

FREQUENTLY ASKED QUESTIONS

How do Basic, Premium and Ultra differ?

Basic returns text, Markdown and bounding boxes with confidence. Premium adds QR codes, barcodes and a searchable PDF. Ultra also delivers tables, layout with reading order and handwriting.

Can AI-OCR read documents from my workspace?

Yes. The MCP tool `po_aiocr_analyze` accepts the `pofid` of a stored document, for example in Claude or Cursor. During AI-DMS processing in a workspace, AI-OCR runs anyway.

Do I have to specify the document language?

No. AI-OCR detects the language of each page automatically and includes it in the result.

How can I tell how reliable the recognition is?

Every line carries a confidence score, and the app shows where it sits on the page. The score refers to the PaperOffice AI reference scale.

GET STARTED

Try it with your toughest scan.

Sign in to your PaperOffice account, open AI-OCR, upload a file and click [Start AI-OCR](#). Billing is usage-based and depends on the tier.

paperoffice.ai/en/ai-ocr-text-recognition-llm-document-digitization



MORE ABOUT THE MODULE

paperoffice.ai/en/ai-ocr-text-recognition-llm-document-digitization

PRICING

paperoffice.ai/en/pricing

CONTACT

paperoffice.ai/en/contact