UCHUVA
AUTOCAD + AI ASSISTANT

Version	1.8.1
AutoCAD	2024–2027
Tiers	Free / Pro
Bridge port	8767

TALK TO YOUR DRAWING.

Uchuva is a small add-on for AutoCAD that lets you ask an AI assistant — Claude, or any MCP-capable client — about the drawing you have open, in plain language. No technical background needed. This is your field guide to installing it, using it, and fixing it when something looks wrong.

INCLUDED, ALWAYS

FREE

Ask about the drawing
Layers, blocks, counts, room tags — in model space and layouts

Browse layers & blocks
Full symbol tables, attributes

Sheets & layouts
Sheet index, viewports, title-block data

Measure
Distances, areas, totals by layer or type

Xrefs & open drawings
See every reference and switch between drawings

Select, zoom, highlight
Point the assistant at exactly what you mean

Drawing health check
Unused layers, stray entities on layer "0"

Cross-tool comparison export
Normalized data for other BIM tools

REQUIRES ACTIVATION

PRO

Create & edit
Lines, blocks, dimensions, attributes, text — model space or layout

Move, copy, rotate, scale, mirror
Plus offset, in one step you can undo

Sheets & layouts
Update title blocks on many sheets, edit viewports, add or rename layouts

Xrefs
Attach, reload, bind or detach

PDF & image export
Let the assistant see the drawing, or send sheets to PDF

Batch operations
Create, update, or delete hundreds at once

Rename anything
Layers, blocks, styles — cascades to every insert

Clean up drawings
Purge unuses, find & replace text, dry-run first

CSV export
Send magic data straight to a spreadsheet

YOU ALREADY KNOW WHAT YOU WANT. JUST ASK.

Uchuva reads or edits the drawing on your behalf — the same way you would with the mouse and keyboard.

WHAT IS UCHUVA?

While AutoCAD is open, Uchuva quietly runs in the background and acts as a bridge: the assistant sends requests through Uchuva, and Uchuva reads or edits the drawing on your behalf. It does not do anything on its own — it only responds when you ask the assistant a question or give it a task.

> *"How many rooms are tagged on this floor plan?"*

> *"List all the layers in this drawing and tell me which ones are empty."*

> *"Draw a 2m × 3m rectangle at the origin on a new layer called STORAGE."*

> *"Export all the room tags in this drawing to a spreadsheet I can open in Excel."*

FREE VS. PRO

Every read — questions, browsing, selecting, health checks — works with no license at all. Anything that creates, changes, renames, or deletes drawing content needs an active **Pro** license, activated once from the **Activate License** button on the Uchuva ribbon tab. Purchase a key at uchuva.gumroad.com.

The only thing that ever leaves your computer is that license key, sent to Gumroad to confirm it's active — never your drawing data. Pro keeps working offline for up to **7 days** after the last successful check (done automatically about once a day while you're online); after that Pro pauses until the computer is online again. Free tools are never affected.

SETUP — FOUR STEPS, IN ORDER

GETTING CONNECTED

01

Before you install

You'll need AutoCAD 2024, 2025, 2026, or 2027 on 64-bit Windows — Uchuva detects which version(s) you have and installs the matching piece for each automatically. The Claude desktop app is recommended if you want to use Uchuva with Claude specifically, and is selected by default during install.

Close AutoCAD and the Claude desktop app first, so the installer isn't blocked from replacing files that are in use.

> **The installer needs administrator approval** to run — that's expected. Windows may show a prompt; accept it to continue.

02

Run the installer

1. Download `Uchuva.Acadmcp-Setup.exe` and double-click it to run.
2. On the welcome screen, click **Next**.
3. On the "AutoCAD versions" screen, tick the box for each AutoCAD version you want Uchuva to work with.
4. Leave the recommended options selected on the next screen — the AutoCAD add-on, the bridge program, and Claude Desktop registration — unless you specifically want to skip one.
5. Click **Install**, then **Finish**. This usually takes a few seconds.

That's it — nothing further to configure. The next time you open AutoCAD and Claude, they'll already be connected.

03

Confirm the connection

Open AutoCAD with any drawing, then check any one of these:

- **The startup message** — the command line should read `Uchuva — AutoCAD MCP active on port 8767.`
- **The Status button** — on the Uchuva ribbon tab, reports whether you're connected and shows the port number (you never need to do anything with it).
- **Just ask** — "Can you check if AutoCAD is connected?" works too.

04

Use it

Open the drawing you want to work on, then talk to the assistant as you normally would. By default it works on the active drawing; with several open you can ask it to list them or switch ("work on the other drawing"). It can also read and edit your **layouts** (paper space) the same way as model space — ask for "all the sheets" or for a layout by name.

> **Private by design.** The connection between the assistant and AutoCAD stays on your computer and is protected by a per-install access token, so websites and other people on your network can't reach it. Exports (PDF, image, CSV) are only written to normal user folders, never system folders.

Each request the assistant carries out is **one step in AutoCAD's Undo** — press Ctrl+Z once and the whole batch is reverted, just like a change you made yourself. As a habit, save before asking for a batch of changes, the same way you would before trying something new manually.

WHEN SOMETHING LOOKS WRONG

TROUBLESHOOTING

The assistant says it can't connect to AutoCAD

- Make sure AutoCAD is open with a drawing loaded — not just the start screen.
- Click **Status** on the Uchuva ribbon tab to see the current state.
- If more than one AutoCAD window is open, only the first one you opened stays connected. Close the extras, or check Status in each to see which one is connected.

Pro features say "paused" / the ribbon says "Verify License"

- The computer hasn't been able to reach Gumroad for more than 7 days. Connect to the internet and click **Verify License** — it also retries on its own within a minute or so. Your key is not lost.

AutoCAD just started and a change was refused

- For safety, edits wait until AutoCAD has finished starting up (can take a minute). Try again shortly.

Status says "NOT LISTENING"

- Another open AutoCAD window already holds the connection. Close it, or work in whichever window shows "CONNECTED."

No Uchuva tab in the ribbon

- Reopen the installer and confirm your AutoCAD version was ticked.
- Close and reopen AutoCAD once after installing or updating.
- Make sure you ran the latest installer (v1.8.1 or newer).

Just updated, but it still feels like the old version

- Close and reopen both AutoCAD and Claude Desktop so each picks up the change.

Nothing happens when I ask about my drawing

- Confirm a drawing is actually open and active — not a blank AutoCAD window.
- Ask the assistant to check the connection status.
- Still stuck? Reach out to whoever provided you with Uchuva — or contact us directly, below.

UNINSTALLING

Open Windows Settings → **Apps**, find "Uchuva AutoCAD MCP," and choose **Uninstall**. This removes the AutoCAD add-on and the bridge program. It doesn't remove the Uchuva entry from Claude Desktop's own settings — do that from Claude Desktop's connector settings if you want it gone too.