



[DATASHEET](#) · [DATA APIS](#) · [IP LOCATION API](#)

Where is your visitor?

Country, city and time zone in one call.

The IP Location API returns country, region, city, coordinates, time zone and network provider for an IP address, plus country facts such as currency, calling code and EU membership. For developers who adapt forms, prices and appointments to location: via REST API and MCP.

AT A GLANCE

One GET to `/ip2location/location` with an IP returns JSON with location, time zone and provider. Without an IP, the API checks the address of the connection.

01 · WHAT IT IS ABOUT

One page for every country? Location makes the difference.

Without location, every visitor gets the same language, the same currency and the same times, and many switch their details by hand. The IP Location API tells your application on the very first request which country and time zone it comes from.

INPUT

IP address or hostname; without one, the address of the connection

RESULT

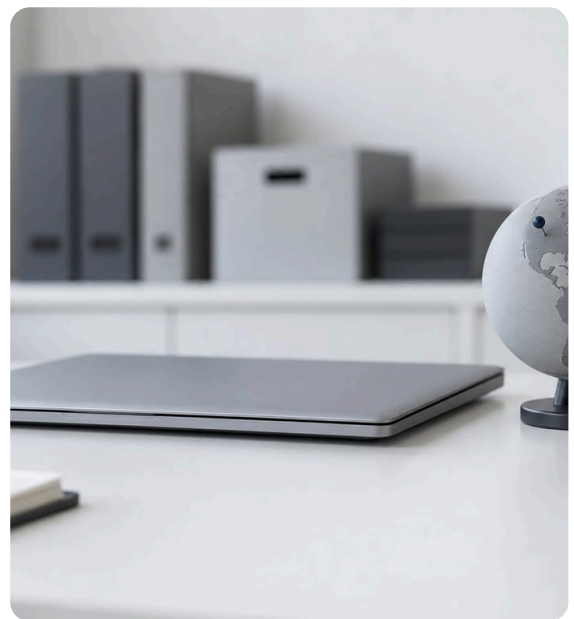
JSON with country, region, city, postal code, coordinates, time zone, ISP and AS number

ACCESS

REST API with an API key, MCP tool `po_ip_geolocation_location`

COUNTRY LIST

Every country with ISO code and name, in the language you choose

**Location per IP**

Country with ISO code, region, city with postal code and district, continent, and latitude and longitude in one response.

Time zone

IANA time zone name and the offset in hours, for example to suggest appointments and deadlines in your visitor's local time.

Network provider

ISP, organization and AS number of the network. You see which provider a request comes in through.

Country facts

Capital, calling code, local currency, spoken languages and EU membership come along, ready for forms and prices.

Country list

`/ip2location/countrylist` returns every country with ISO code and name in the requested language, for example for drop-downs.

Everything in one call

`/ip2location/full` adds a VPN check, local weather, exchange rates for the local currency and details on the requesting browser.

02 · HOW IT WORKS

Create a key, send an IP. Read the location and use it.

You need an API key from your PaperOffice account. After that it is a single call, and the response comes straight back.

1

Create an API key

Under `API & Developer > API Keys`, use `Create New Key` to create an `API Key`. You can copy the key there at any time.

2

Send the IP

GET `/ip2location/location?ip=...` with the key as a Bearer token. A hostname works in place of an IP.

3

Read the response

`ip.location` holds country, region, city, `geo_lat`, `geo_lon` and `timezone`; `ip.provider` holds `isp`, `org` and `as`.

4

Use the error codes

Private and reserved addresses return `IP_PRIVATE_RANGE` or `IP_RESERVED_RANGE`, a brief outage returns `LOCATION_LOOKUP_FAILED` with `retry_after`.

TECHNICAL DATA

FEATURE	DETAILS
Endpoints	GET <code>/ip2location/location</code> , <code>/ip2location/full</code> and <code>/ip2location/countrylist</code>
Base URL	<code>https://api.paperoffice.ai/latest/</code>
Parameters	<code>ip</code> (IP address or hostname, optional); country list: <code>locale</code> , <code>language</code> or <code>lang</code>
Response fields	<code>ip.location</code> (country, region, city, <code>geo_lat</code> , <code>geo_lon</code> , <code>timezone</code>), <code>ip.provider</code> (<code>isp</code> , <code>org</code> , <code>as</code>)
Authentication	API key as a Bearer token; in the browser, a publishable key with the <code>utils:lookup</code> scope
MCP	<code>po_ip_geolocation_location</code> , <code>po_ip_geolocation_country_list</code> in the <code>/mcp-full</code> catalog
Billing	Pay as you go

03 · IN PRACTICE

Where location helps. Three typical flows.

Prices in local currency

When the pricing page loads, your backend looks up the location and shows prices in the currency from `ip.location.country.currency`. Your customer can still change the selection.

Pre-filled forms

Country and calling code in the sign-up form are preselected. The country drop-down comes from `/ip2location/countrylist` in the language of your page.

Appointments in local time

Your booking flow converts open slots into the visitor's local time using the time zone from `ip.location.timezone`. Confirmations and reminders then match your customer's clock.

FREQUENTLY ASKED QUESTIONS

What happens without an ip parameter?

The API checks the address of the connection, which is the caller's IP. When you call from your backend, pass your visitor's IP explicitly in the `ip` parameter.

Can I send a hostname instead of an IP?

Yes. The API resolves the hostname and records in the `_hostname_resolved` field which IP address it checked.

How do I detect VPNs and proxies?

Use `/ip2location/full` or `/ip2location/vpn`. The response flags VPN, proxy, Tor and data center in separate fields. See the VPN Detection datasheet for details.

Can I call the API straight from the browser?

Yes, with a publishable key (`po_pk_`) that has the `utils:lookup` scope. Set the scope in `allowed_scopes` when you create the key via `POST /publishable_keys/create`; the key is bound to your domains.

GET STARTED

Bring location into your application

Create an account, generate an API key under **API & Developer › API Keys** and send your first GET to `/ip2location/location`.

paperoffice.ai/en/ai-ip-location-ip2location-geolocation-vpn-proxy-detection



MORE ABOUT THE MODULE

paperoffice.ai/en/ai-ip-location-ip2location-geolocation-vpn-proxy-detection

PRICING

paperoffice.ai/en/pricing

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