

PubAdHub Affiliate Product Search API

API Integration Documentation

Endpoint: GET /api/products/search

Base URL: https://statsapi.pubadhub.com

This document provides developers with essential details for integrating PubAdHub Affiliate Product Search. It covers authentication via PublisherKey, required and optional parameters, response handling, and implementation notes.

1. Overview

1.1 Introduction

The Affiliate Product Search API returns in-stock affiliate products for a search keyword. Authentication is performed by including your PublisherKey in the request header. Each product includes a monetized redirect_url so clicks can be attributed to your publisher account.

1.2 Publisher Key

Important: Contact your PubAdHub Account Manager to obtain your PublisherKey. Each publisher receives a unique key. Do not reuse a key across publishers.

1.3 Integration Overview

To search products, fire a GET request to the products search endpoint with your PublisherKey in the header and the required parameters populated.

Protocol: HTTP GET → JSON response

Authentication: PublisherKey request header

Required fields: keyword

Optional fields: domain

2. Endpoint

2.1 Base URL

Base URL: https://statsapi.pubadhub.com

API Format

```
GET /api/products/search
```

2.2 HTTP Method

Method: GET

Important: Always include the PublisherKey header. Send parameters as query-string values. Do not send an AccessKey header for this endpoint.

2.3 Example Request URL

```
https://statsapi.pubadhub.com/api/products/search?keyword={keyword}&domain={domain}
```

Map your search UI values to the PubAdHub parameter names below. Ensure the required parameter keyword is populated before the request is fired. The domain parameter is optional and filters results to a single merchant brand.

3. Request Parameters

3.1 Parameter Reference

Parameter	Type	Requirement	Description
keyword	string	Required	Search term used to find products (maximum 255 characters).
domain	string	Optional	Brand domain filter (for example walmart.com, bestbuy.com, target.com). When provided, results are limited to that merchant brand.

3.2 Request Headers

Header	Type	Requirement	Description
PublisherKey	string	Required	Your unique PubAdHub publisher key issued by your Account Manager.
Accept	string	Recommended	application/json

4. Response

4.1 Response Structure

The endpoint returns HTTP 200 for successful searches, including empty result sets. Always inspect the response body. When no products match, results is an empty array and message is No result found.

4.2 Response Fields

Field	Type	Description
keyword	string	Echo of the search keyword.
results	array	List of matching in-stock products (maximum 20).
message	string (empty only)	Present when no products are returned: No result found.
results[].name	string	Product title for display.
results[].image_url	URL	Product image URL.
results[].final_price	number	Current / sale price.
results[].regular_price	number	Regular / list price.
results[].currency	string	Currency code (for example USD).
results[].redirect_url	URL	Monetized PubAdHub tracking link. Use this for the Shop / Buy button.
results[].merchant.name	string	Merchant / store name.
results[].availability	string	Stock status (InStock).

4.3 Example Responses

Success Response

```
{
  "keyword": "iphone",
  "results": [
    {
      "id": "123456",
      "name": "Apple iPhone 15 128GB",
      "image_url": "https://...",
      "currency": "USD",
      "regular_price": 799.00,
      "final_price": 749.00,
      "on_sale": true,
      "availability": "InStock",
      "merchant": { "name": "Walmart" },
      "redirect_url": "https://ck.pubadhub.com/track?encyp=...&dl=..."
    }
  ]
}
```

No Results Response

```
{
  "keyword": "iphone",
  "results": [],
  "message": "No result found"
}
```

Validation Failed (HTTP 422)

```
{
  "error": "Validation failed",
  "messages": {
    "keyword": ["The keyword field is required."]
  }
}
```

Unauthorized (HTTP 401)

```
{
  "error": "Unauthorized"
}
```

Search Failed (HTTP 500)

```
{
  "error": "Search failed.",
  "message": "something went wrong"
}
```

5. Errors & Troubleshooting

5.1 Troubleshooting

Confirm the request uses GET against `/api/products/search` on `https://statsapi.pubadhub.com`.

Verify `PublisherKey` is present in the request header and was issued by your PubAdHub Account Manager.

Ensure required parameter `keyword` is populated (no blank values).

If using domain, confirm it matches a supported brand domain enabled for your account.

Always use `redirect_url` from the response for Shop / Buy clicks so attribution is tracked.

Inspect message in the JSON body when results is empty.

Set appropriate timeout values and implement proper error and timeout handling.

6. Integration Checklist

Use the following checklist when integrating with the PubAdHub Affiliate Product Search API.

- ☐ PublisherKey received from PubAdHub Account Manager
- ☐ Product search URL configured with /api/products/search
- ☐ PublisherKey header set on every request
- ☐ keyword parameter mapped from your search UI
- ☐ Optional domain parameter mapped where available
- ☐ Shop / Buy button uses redirect_url from the response
- ☐ Test success response with products in results
- ☐ Test empty response handling via message: No result found
- ☐ Timeout and error handling configured

Appendix A - Quick Reference

Base URL: <https://statsapi.pubadhub.com>

GET /api/products/search

Authentication	PublisherKey request header
Method	GET
Required parameters	keyword
Optional parameters	domain
Empty result message	No result found