
BIDEX API USER GUIDE

BikeData V1.6 product feed

FOR BUSINESS USERS

Download customer-specific bicycle product data
as an Excel-ready CSV file or structured JSON.

Version 1.0

21 September 2026



Welcome

A practical guide for downloading Belgian Cycling Factory product data

The BIDX API gives authorised customers a simple, read-only way to download bicycle information. No products, prices or stock can be changed through this endpoint.

IN ONE SENTENCE

Send an authorised request to one web address and receive a file containing the bicycles and prices available for your customer account.

What you can download

- Customer-specific bicycle product and price information.
- BIDX BikeData V1.6 field names and product group codes.
- A CSV file for Excel or a JSON file for an automated system.

How the result is organised

One record normally represents one sellable bicycle variant, such as one model in a particular colour and frame size. Large results are divided into numbered pages.

GOOD TO KNOW

Some fields may be empty because they are optional, not relevant to that bicycle, or not available in the source data.

Before you start

Ask your Belgian Cycling Factory contact for the following two items. You may also need Postman or another API tool supplied by your IT partner.

1. Your API key

The API key is a private access code. Enter it only in the request header named x-api-key. Treat it like a password.

2. Your BuyersID

The BuyersID identifies your customer account. It looks like this:

```
123e4567-e89b-12d3-a456-426614174000
```

The endpoint

```
GET https://connections.cyclingfactory.be/api/v1/bidex/products
```

GET means download information. The endpoint is read-only.

KEEP THE KEY SAFE

Never place the API key in an email, screenshot, spreadsheet or web address. If you believe it has been exposed, ask Belgian Cycling Factory for a replacement.

Download a CSV file in Postman

- 1 Create a new HTTP request and select GET.
- 2 Enter `https://connections.cyclingfactory.be/api/v1/bidex/products`
- 3 Open Headers. Add x-api-key and enter your private API key as the value.
- 4 Open Params. Add BuyersID and enter the BuyersID supplied to you.
- 5 Add format with the value csv.
- 6 Select Send. When the request succeeds, save the response as bidex-products.csv.

Example address

```
https://connections.cyclingfactory.be/api/v1/bidex/products?BuyersID=YOUR-BUYERS-ID&format=csv
```

PLACEHOLDER

Replace YOUR-BUYERS-ID with your real BuyersID. The API key stays in Headers and is never added to this address.

Choose CSV or JSON

FORMAT	BEST FOR	WHAT YOU RECEIVE
csv	Excel, manual review and business-software imports	A semicolon-separated file in the fixed BIDX column order
json	Automated integrations managed by an IT partner	A list of product records using BIDX field names

If you do not select a format, the API returns JSON.

CSV and Excel

CSV uses a semicolon (;) between columns. If Excel does not divide the file into columns automatically, import it as a text/CSV file and select semicolon as the delimiter.

```
.../products?BuyersID=YOUR-BUYERS-ID&format=csv
```

```
.../products?BuyersID=YOUR-BUYERS-ID&format=json
```

RECOMMENDATION

Choose CSV for a manual download. Choose JSON only when an IT partner or software supplier will process the feed automatically.

Optional choices

Add choices after the BuyersID and use & between them

CHOICE	WHAT IT CONTROLS	EXAMPLE	DEFAULT
format	Downloaded file type	csv / json	json
language	Product text language (two letters)	en / nl / fr	en
country	Country context, including VAT	BE / NL / FR	not selected
currency	Three-letter currency label	EUR / GBP	EUR
page	Which page to download	1 / 2 / 3	1
size	Products per page; maximum 1000	100 / 1000	100

Complete example

```
https://connections.cyclingfactory.be/api/v1/bidex/products?BuyersID=YOUR-BUYERS-ID&format=csv&la
```

CURRENCY NOTE

Changing currency labels the requested currency in the feed. It does not promise an automatic conversion. Confirm available currencies with your Belgian Cycling Factory contact.

Download all pages

The API returns a limited number of products at a time. This is called pagination and keeps each download manageable.

- 1** Start with `page=1&size=1000`.
- 2** Save the returned file.
- 3** Repeat with `page=2`, then `page=3`, and so on.
- 4** Stop when a page contains no product records.
- 5** Keep the same BuyersID, format, language, country, currency and size for every page.

Combining CSV pages

Every CSV page contains the column headings. When combining multiple pages, keep the headings from the first file only.

FOR SCHEDULED DOWNLOADS

Ask your IT partner to handle page numbers, empty final pages, temporary errors and rate limits automatically.

What is in the result?

FIELD	PLAIN-LANGUAGE MEANING
brand, model, model-no, year	The bicycle's identity
size, color, variant	The specific sellable version
mpn, gtin	Manufacturer and barcode identifiers
bidex	Six-digit BIDX product group
dealer-base-price, rrp	Customer price and recommended retail price
currency, vat	Price context
image, url-detail	Product links when available
bidex-* fields	Standard codes for characteristics such as frame material, brakes and wheel size

The CSV follows the 153-column BIDX BikeData order. Empty optional cells do not automatically mean that the request failed.

CUSTOMER-SPECIFIC DATA

The result only includes bicycles with an applicable customer price in the feed source. Price files should be shared only with authorised teams.

Success and error messages

STATUS	MEANING	WHAT TO DO
200	The request worked	Save or process the file
400	A choice has an invalid format	Check BuyersID, format, language, country and currency
401 / 403	Access could not be confirmed	Check the API key and BuyersID
404	The feed resource was unavailable	Check the endpoint; retry once
429	Too many requests	Wait for Retry-After, then try again
500	Unexpected service problem	Retry later; share the request ID if it continues

Common messages

- BuyersID is required: add BuyersID in Params.
- Invalid BuyersID format: copy the full ID, including hyphens, and remove spaces.
- Invalid format: use only csv or json.
- Invalid country or language: use two letters, such as BE or en.
- Invalid currency: use three letters, such as EUR.

Quick checklist

- The method is GET.
- The endpoint ends in /api/v1/bidex/products.
- x-api-key is in Headers, not in the address.
- BuyersID is present and contains no extra spaces.
- format is csv or json.
- Language and country contain two letters; currency contains three.
- The page is positive and size is no more than 1000.

When you need help

Contact your Belgian Cycling Factory representative or ict@cyclingfactory.be. Share the date and time, the request address with the BuyersID removed, the HTTP status and request ID. Never share the API key.

Mini glossary

TERM	MEANING
API	A controlled way for one system to request information from another
CSV	A table-like text file that can be opened in Excel
Endpoint	The web address used to request the feed
Header	Information sent with a request but kept outside the web address
JSON	A structured format generally used by automated systems
Pagination	Downloading a large result in numbered pages

Reference and scope

This guide describes the BIDX product endpoint implemented in connections-backend on 21 September 2026. It is a user guide, not the full technical specification.

BIDX sources

- BIDX_BikeData_V1.6_en (2).pdf - Data Formats.
- bidx-bike-BikeData-Documentation-2026-04-21-16_12_27.pdf.
- BIDX_BikeData_V1.6_Example_Bikes (3).xlsx - CSV column order.

Operational source

- GET /api/v1/bidx/products route, controller, mapper and serializer in connections-backend.
- Current validation, authentication and rate-limit behaviour in the same implementation.

REVIEW NOTE

BIDX validation is a practical data-quality check, not a guarantee of business-process compliance. Business-critical exchanges should also receive a manual review.

Document details

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Owner: Belgian Cycling Factory

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