

A guide to the import: the file, the options, the check, the adjustments, the history and the limits.

**In plain words:** The warehouse counted the shelves and sent a spreadsheet. Typing 400 quantities into Physical Inventory one by one is slow, and a typo moves your stock. **Inventory Import** loads the spreadsheet in Odoo Community: it **finds each product** by reference, barcode or name, **checks every row first** (with the on-hand quantity and the difference), and only then **applies the adjustments**, with a history of what each file did.

### Check every row first

**Applied as adjustments**

**Arabic, right to left**

**Tip:** Nothing moves until you click Import: the check shows each row as ready, warning or error, with the reason.

## 2. What you get

| Feature                 | What it does                                                                                            |
|-------------------------|---------------------------------------------------------------------------------------------------------|
| Excel and CSV           | .xlsx, .xls and .csv files; headers in English or Arabic, in any column order.                          |
| Finds the product       | By internal reference, barcode or name; several matches are reported, not guessed.                      |
| Locations               | A Location column (name or full name) with a default location for the rows that have none.              |
| Lots and serial numbers | Existing ones are used; missing ones can be created. A serial number takes the quantity 0 or 1.         |
| Two modes               | Set the counted quantity (a physical count) or add to the on-hand quantity (a receipt or a correction). |
| The check               | On-hand, file quantity, new quantity and difference for each row, with a message for every problem.     |
| Apply or count only     | Apply the adjustments now, or only set the counts to review in Physical Inventory.                      |
| History                 | Each file is kept with its rows, who imported it and the stock moves it made.                           |
| Template                | A ready-to-fill Excel template to download.                                                             |
| Arabic                  | Everything is translated and works right to left.                                                       |

### 3. Requirements

| Item        | Details                               |
|-------------|---------------------------------------|
| Odoo        | 19.0 (Community or Enterprise)        |
| Apps needed | Inventory ( <code>stock</code> )      |
| License     | OPL-1 (Odoo Proprietary License v1.0) |

## 4. Install

- 1 Unzip the package. Inside is `taqnix_inventory_import.zip` ; unzip it to get the folder `taqnix_inventory_import` .
- 2 Copy the folder into one of the `addons_path` folders of your Odoo server and restart Odoo.
- 3 Log in as an administrator, activate **Developer mode**, open **Apps** and press **Update Apps List**.
- 4 Remove the "Apps" filter, search **Inventory Import** and press **Install**.

```
# or from the command line
./odoo-bin -c odoo.conf -d YOUR_DATABASE -i taqnix_inventory_import --stop-after-init
```

## 5. Prepare the file

**In plain words:** A header row and one row per product (and location, lot). Only two things are required: a column that tells the product and a **Quantity** column.

| Column (any of these names)     | Meaning                                                                 |
|---------------------------------|-------------------------------------------------------------------------|
| Internal Reference, SKU, Code   | The product reference.                                                  |
| Barcode, EAN                    | The product barcode.                                                    |
| Product, Item                   | The product name.                                                       |
| Quantity, Counted quantity, Qty | The quantity (required).                                                |
| Location                        | The location name or full name, for example WH/Stock/Shelf A. Optional. |
| Lot, Serial, Lot/Serial Number  | The lot or serial number, for the tracked products.                     |

**Tip:** Click Download the template on a new import to get a file with the right headers.

## 6. Import

**In plain words:** Open **Inventory** → **Operations** → **Adjustments** → **Import inventory** and click **New**. Choose the file, the **default location** and the **mode**, then **Check the file**.

| Option                      | Meaning                                                                  |
|-----------------------------|--------------------------------------------------------------------------|
| Set the counted quantity    | The quantity of the file is the new on-hand quantity (a physical count). |
| Add to the on-hand quantity | The quantity is added to the stock; a negative quantity takes stock out. |
| Apply the adjustments now   | Untick it to only set the counts and review them in Physical Inventory.  |
| Create the missing lots     | A lot or serial number that does not exist yet is created.               |
| If a row has an error       | Import the valid rows and skip the others, or import nothing.            |

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My Company

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New

Inventory imports

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Check again

Import

Download the template

To check

Checked

Imported

INVIMP/2026/0050

File

cycle-count-shelves.csv

Default location ?

WH/Stock

Mode ?

Set the counted quantity

Add to the on-hand quantity

Apply the adjustments now ?

Import the valid rows, skip the others

Imported by

Administrator

Date

Oct 23, 9:47 PM

14 rows

7 ready

3 with a warning

4 with an error

| Row | In the file | Product                 | Location     | On hand | File quantity | New quantity | Difference | State   | Message                                                                             |
|-----|-------------|-------------------------|--------------|---------|---------------|--------------|------------|---------|-------------------------------------------------------------------------------------|
| 2   | WM-185      | [WM-185] Wireless M...  | WH/Stock     | 50.00   | 55.00         | 55.00        | 5.00       | Ready   |                                                                                     |
| 3   | UC-100      | [UC-100] USB-C Cabl...  | WH/Stock/... | 0.00    | 60.00         | 60.00        | 60.00      | Ready   |                                                                                     |
| 4   | UC-100      | [UC-100] USB-C Cabl...  | WH/Stock/... | 0.00    | 58.00         | 58.00        | 58.00      | Ready   |                                                                                     |
| 5   | HD-200      | [HD-200] HDMI Cable ... | WH/Stock     | 70.00   | 66.00         | 66.00        | -4.00      | Ready   |                                                                                     |
| 6   | KB-MX       | [KB-MX] Mechanical K... | WH/Stock     | 30.00   | 28.00         | 28.00        | -2.00      | Ready   |                                                                                     |
| 7   | WP-5L       | [WP-5L] Wall Paint 5L   | WH/Stock/... | 0.00    | 24.00         | 24.00        | 24.00      | Warning | The lot LOT-2026-A will be created.                                                 |
| 8   | WP-5L       | [WP-5L] Wall Paint 5L   | WH/Stock/... | 0.00    | 12.00         | 12.00        | 12.00      | Warning | The lot LOT-2026-B will be created.                                                 |
| 9   | LT-14       | [LT-14] Laptop 14in     | WH/Stock/... | 0.00    | 1.00          | 1.00         | 1.00       | Warning | The lot SN-4410 will be created.                                                    |
| 10  | LT-14       | [LT-14] Laptop 14in     | WH/Stock/... | 0.00    | 2.00          | 2.00         | 2.00       | Error   | The lot SN-4411 will be created. A serial number can only have the quantity 0 or 1. |
| 11  | XX-404      |                         | WH/Stock     | 0.00    | 5.00          | 5.00         | 5.00       | Error   | No product matches XX-404.                                                          |
| 12  | HS-PRO      | [HS-PRO] Headset Pro    |              | 0.00    | 9.00          | 9.00         | 9.00       | Error   | No internal location matches Shelf Z.                                               |
| 13  | NB-A5       | [NB-A5] Notebook A5     | WH/Stock     | 320.00  | 310.00        | 310.00       | -10.00     | Ready   |                                                                                     |
| 14  | DM-XL       | [DM-XL] Desk Mat XL     | WH/Stock     | 44.00   | 44.00         | 44.00        | 0.00       | Ready   |                                                                                     |
| 15  | PS-RW       | [PS-RW] Power Strin 6   | WH/Stock     | 35.00   | -2.00         | -2.00        | -37.00     | Error   | The counted quantity cannot be negative                                             |

The check: every row is ready, a warning or an error, with the reason.

## 7. Read the check

| State   | Meaning                                                                                                                                                                                                           |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ready   | The row is fine.                                                                                                                                                                                                  |
| Warning | It will be imported, with a remark: a lot that will be created, a lot ignored for a product without tracking, or a product that appears twice (the quantities are added together).                                |
| Error   | It will be skipped: an unknown product or location, a quantity that is not a number, a negative count, a lot missing, a serial number with a quantity other than 0 or 1, a product that does not track its stock. |

**In plain words:** **On hand** is the current quantity, **New quantity** is what the stock will be, and **Difference** is the adjustment. Correct the file and click **Check again** as many times as you want.

## 8. Apply

**In plain words:** **Import** creates the inventory adjustments: each changed product gets a stock move named after the import, and the rows that already match are left alone. The import is then **Imported**, and the **Stock moves** button lists what it did.

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Stock moves

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To check

Checked

Imported

INVIMP/2026/0049

File

warehouse-count-oct.csv

Default location ?

WH/Stock

Mode ?

Set the counted quantity

Add to the on-hand quantity

Apply the adjustments now ?

☒

If a row has an error

Import the valid rows, skip the others

Imported by

Administrator

Date

Oct 23, 9:47 PM

12 rows

12 ready

0 with a warning

0 with an error

| Row | In the file | Product                          | Location | On hand | File quantity | New quantity | Difference | State | Message |  |
|-----|-------------|----------------------------------|----------|---------|---------------|--------------|------------|-------|---------|--|
| 2   | WM-185      | [WM-185] Wireless Mouse M185     | WH/Stock | 42.00   | 50.00         | 50.00        | 8.00       | Ready |         |  |
| 3   | UC-100      | [UC-100] USB-C Cable 1m          | WH/Stock | 120.00  | 118.00        | 118.00       | -2.00      | Ready |         |  |
| 4   | HD-200      | [HD-200] HDMI Cable 2m           | WH/Stock | 64.00   | 70.00         | 70.00        | 6.00       | Ready |         |  |
| 5   | LS-AL       | [LS-AL] Laptop Stand Aluminium   | WH/Stock | 18.00   | 18.00         | 18.00        | 0.00       | Ready |         |  |
| 6   | KB-MX       | [KB-MX] Mechanical Keyboard      | WH/Stock | 25.00   | 30.00         | 30.00        | 5.00       | Ready |         |  |
| 7   | WC-1080     | [WC-1080] Webcam HD 1080p        | WH/Stock | 12.00   | 15.00         | 15.00        | 3.00       | Ready |         |  |
| 8   | HS-PRO      | [HS-PRO] Headset Pro             | WH/Stock | 30.00   | 28.00         | 28.00        | -2.00      | Ready |         |  |
| 9   | DM-XL       | [DM-XL] Desk Mat XL              | WH/Stock | 40.00   | 44.00         | 44.00        | 4.00       | Ready |         |  |
| 10  | CO-10       | [CO-10] Cable Organizer          | WH/Stock | 200.00  | 250.00        | 250.00       | 50.00      | Ready |         |  |
| 11  | PS-6W       | [PS-6W] Power Strip 6-way        | WH/Stock | 35.00   | 35.00         | 35.00        | 0.00       | Ready |         |  |
| 12  | NB-A5       | [NB-A5] Notebook A5              | WH/Stock | 300.00  | 320.00        | 320.00       | 20.00      | Ready |         |  |
| 13  | WM-BOX      | [WM-BOX] Whiteboard Marker (box) | WH/Stock | 48.00   | 48.00         | 48.00        | 0.00       | Ready |         |  |

Send message

Log note

Search

Link

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An import that was applied, with its history.

**Tip:** With Apply the adjustments now unticked, the quantities are only set as counts: open Inventory → Operations → Physical Inventory to review and apply them.

## 9. The history

**In plain words:** Every import stays in the list with its file, the number of rows, the products changed and who did it. An applied import cannot be deleted: it is the history of your stock.

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My Company

New

Inventory imports

Search...

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| <input type="checkbox"/> | Number           | Date            | File name               | Default location | Mode                     | Rows | Product... | Imported by                | State    |  |
|--------------------------|------------------|-----------------|-------------------------|------------------|--------------------------|------|------------|----------------------------|----------|--|
| <input type="checkbox"/> | INVIMP/2026/0050 | Oct 23, 9:47 PM | cycle-count-shelves.csv | WH/Stock         | Set the counted quantity | 14   | 0          | <div>A</div> Administrator | Checked  |  |
| <input type="checkbox"/> | INVIMP/2026/0049 | Oct 23, 9:47 PM | warehouse-count-oct.csv | WH/Stock         | Set the counted quantity | 12   | 9          | <div>A</div> Administrator | Imported |  |

The imports.

# 10. Who can do what

| Who                      | Can                                                                 |
|--------------------------|---------------------------------------------------------------------|
| Inventory administrators | Import, check and apply.                                            |
| Other users              | No access: changing stock quantities in bulk is for administrators. |

# 11. Arabic and right to left

My Company

المخزون نظرة عامة العمليات المنتجات إعداد التقارير التهيئة

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استيراد استورد استورد INVIMP/2026/0050

أفحص ثانية استيراد نزل القالب

INVIMP/2026/0050

ملف cycle-count-shelves.csv الموقع الافتراضي WH/Stock الوضع حدد الكمية المحددة أضف إلى الكمية المتوفرة

ملئق التسويات الآن أنشئ النعمات والأرقام التسلسلية

استورد الصفوف الصالحة ونحط الباقي إذا كان في صف خطأ

Administrator استورده التاريخ ٢٣ أكتوبر، ٩:٤٧ م

14 صفوف 7 جاهزة 3 بتحديث 4 بخطأ

| الصف | في الملف | المنتج                | الموقع     | النعمات/التسلسلي | المتوفر | كمية الملف | الكمية الجديدة | الفرق  | الحالة | الرسالة                                                             |
|------|----------|-----------------------|------------|------------------|---------|------------|----------------|--------|--------|---------------------------------------------------------------------|
| 2    | WM-185   | ouse M185 [WM-185]    | WH/Stock   |                  | 50.00   | 55.00      | 55.00          | 5.00   | جاهز   |                                                                     |
| 3    | UC-100   | C Cable 1m [UC-100]   | ck/Shelf A |                  | 0.00    | 60.00      | 60.00          | 60.00  | جاهز   |                                                                     |
| 4    | UC-100   | C Cable 1m [UC-100]   | ck/Shelf B |                  | 0.00    | 58.00      | 58.00          | 58.00  | جاهز   |                                                                     |
| 5    | HD-200   | l Cable 2m [HD-200]   | WH/Stock   |                  | 70.00   | 66.00      | 66.00          | -4.00  | جاهز   |                                                                     |
| 6    | KB-MX    | ical Keyboard [KB-MX] | WH/Stock   |                  | 30.00   | 28.00      | 28.00          | -2.00  | جاهز   |                                                                     |
| 7    | WP-5L    | Wall Paint 5L [WP-5L] | ck/Shelf A | T-2026-A         | 0.00    | 24.00      | 24.00          | 24.00  | تحذير  | مُسْتَشَأ النغمة A-2026-LOT.                                        |
| 8    | WP-5L    | Wall Paint 5L [WP-5L] | ck/Shelf A | T-2026-B         | 0.00    | 12.00      | 12.00          | 12.00  | تحذير  | مُسْتَشَأ النغمة B-2026-LOT.                                        |
| 9    | LT-14    | Laptop 14in [LT-14]   | ck/Shelf B | SN-4410          | 0.00    | 1.00       | 1.00           | 1.00   | تحذير  | مُسْتَشَأ النغمة SN-4410.                                           |
| 10   | LT-14    | Laptop 14in [LT-14]   | ck/Shelf B | SN-4411          | 0.00    | 2.00       | 2.00           | 2.00   | خطأ    | مُسْتَشَأ النغمة SN-4411. لا يكون للرقم التسلسلي إلا الكمية 0 أو 1. |
| 11   | XX-404   |                       | WH/Stock   |                  | 0.00    | 5.00       | 5.00           | 5.00   | خطأ    | لا يوجد منتج يطابق XX-404.                                          |
| 12   | HS-PRO   | Headset Pro [HS-PRO]  |            |                  | 0.00    | 9.00       | 9.00           | 9.00   | خطأ    | لا يوجد موقع داخلي يطابق Shelf Z.                                   |
| 13   | NB-A5    | Notebook A5 [NB-A5]   | WH/Stock   |                  | 320.00  | 310.00     | 310.00         | -10.00 | جاهز   |                                                                     |
| 14   | DM-XL    | Desk Mat XL [DM-XL]   | WH/Stock   |                  | 44.00   | 44.00      | 44.00          | 0.00   | جاهز   |                                                                     |

The check in an Arabic interface, with the messages in Arabic.

## 12. Limits

| Limit                            | Detail                                                                       |
|----------------------------------|------------------------------------------------------------------------------|
| One sheet                        | Only the first sheet of an Excel file is read.                               |
| Size                             | Up to 10,000 rows per file.                                                  |
| Packages and owners              | Not handled: the quantities are on the products, the locations and the lots. |
| The other products of a location | They are left alone: only the rows of the file change.                       |
| Cost                             | The adjustments use the cost of the product.                                 |

## 13. For developers

**In plain words:** Skip this chapter if you only use the module.

```
imp = env['taqnix.inventory.import'].create({'file': base64.b64encode(csv_bytes), 'filename': stock.id, 'location_id': stock.id, 'mode': 'set', 'apply': True})
imp.action_check()
imp.action_import()
imp.state, imp.changed_count
```

## 14. Troubleshooting

| Problem                                        | What to do                                                           |
|------------------------------------------------|----------------------------------------------------------------------|
| The file needs a column that tells the product | Add a header such as Internal Reference, Barcode or Product.         |
| This product does not track its stock          | Tick Track Inventory on the product.                                 |
| The row needs a lot                            | The product is tracked by lot or serial number: fill the Lot column. |
| No internal location matches                   | Write the location as it is in Odoo, for example WH/Stock/Shelf A.   |
| Nothing moved                                  | The rows already matched the on-hand quantity: Unchanged.            |

## 15. Updating and removing

Replace the folder with the new version, restart Odoo and run `-u taqnix_inventory_import` . Your imports and the stock moves they made are kept.

## 16. Support

Installation help and bug fixes are included for 6 months, with lifetime updates. Contact us through the marketplace page where you bought the module or write to **support@taqnix.com** with your Odoo version and a screenshot.

## Changelog

### 1.0.0 – Initial release

- Import of stock quantities from .xlsx, .xls and .csv with English and Arabic headers
- Products by reference, barcode or name; locations; lots and serial numbers
- Set the counted quantity or add to the on-hand quantity
- Check of every row before anything moves; apply the adjustments or only set the counts
- History of the imports with their stock moves, template
- Arabic translation, automated tests