

OMNIVA SHIPPING MODULE FOR OPENCART

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Supported OpenCart versions

Module supports OpenCart 2.3, 3.0 and above OpenCart versions. It is based on OCMOD, an OpenCart native modification engine. For ease of access Omniva module places its modification file (omniva_m_base.ocmod.xml) in OpenCart system directory.

Prerequisites

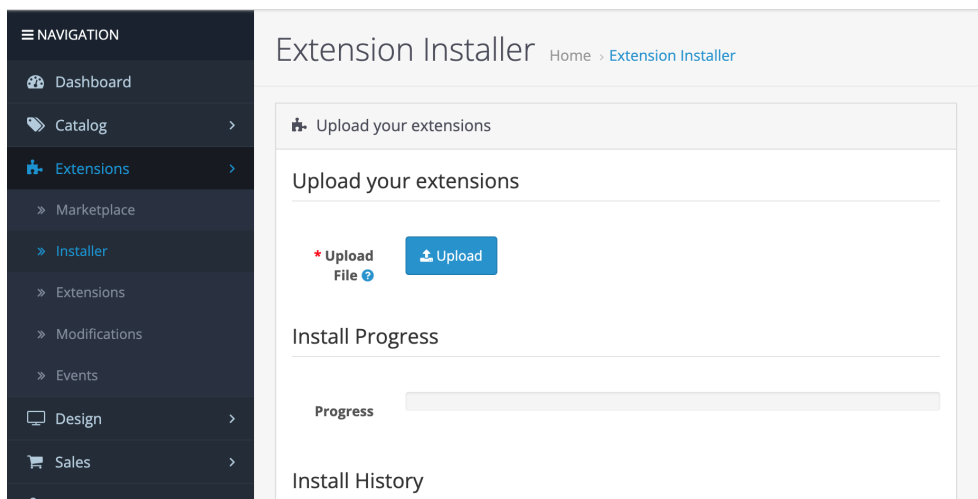
- OpenCart 2.3
- OpenCart 3.0 or above
- Write access to OpenCart system directory
- PHP 5.6 (Recommended 7+)
- FTP access to upload module or server and OpenCart setup to allow large file uploads (at least 40MB)

Installation

Step 1. Uploading module

Module can be installed either by using OpenCart installer or by uploading module files into the main OpenCart directory by FTP.

- OpenCart installer method



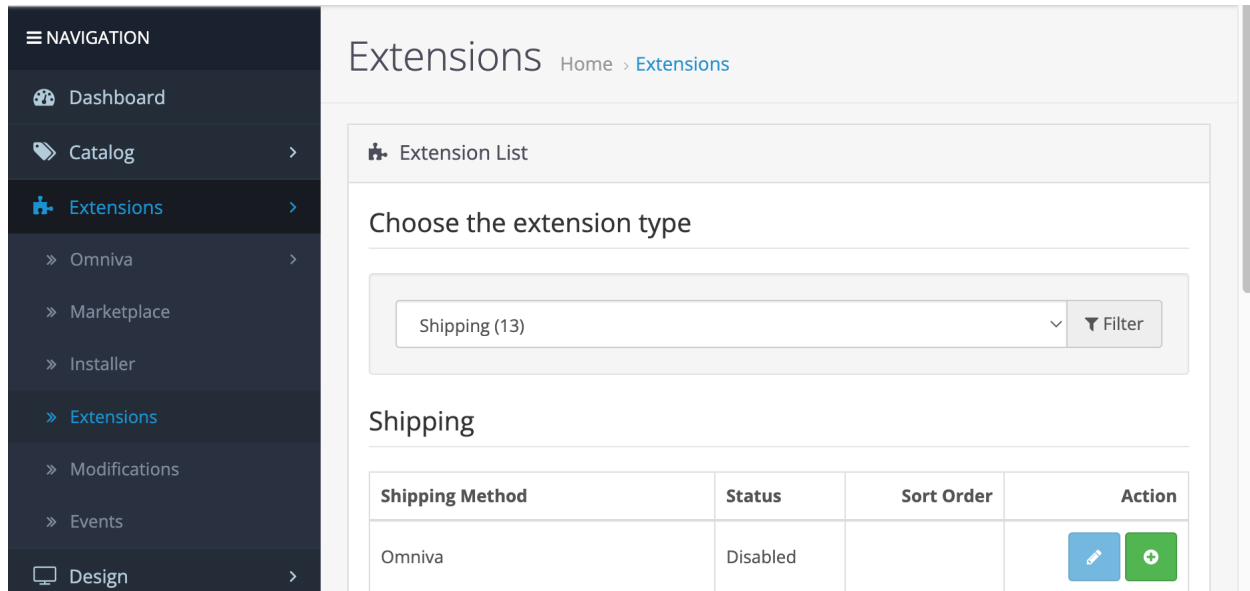
Simply upload `omniva_m.ocmod.zip` file and Opencart should handle everything else. However if there is issues with upload or server and OpenCart is not setup to allow large file uploads please use FTP method.

- FTP method



Extract `omniva_m.ocmod.zip` locally and upload all the files and folders from upload directory to your OpenCart main directory.

Step 2. Module install

Go to Extensions -> Extensions page and choose Shipping. From list find Omniva row and press green button with plus. This will install module.

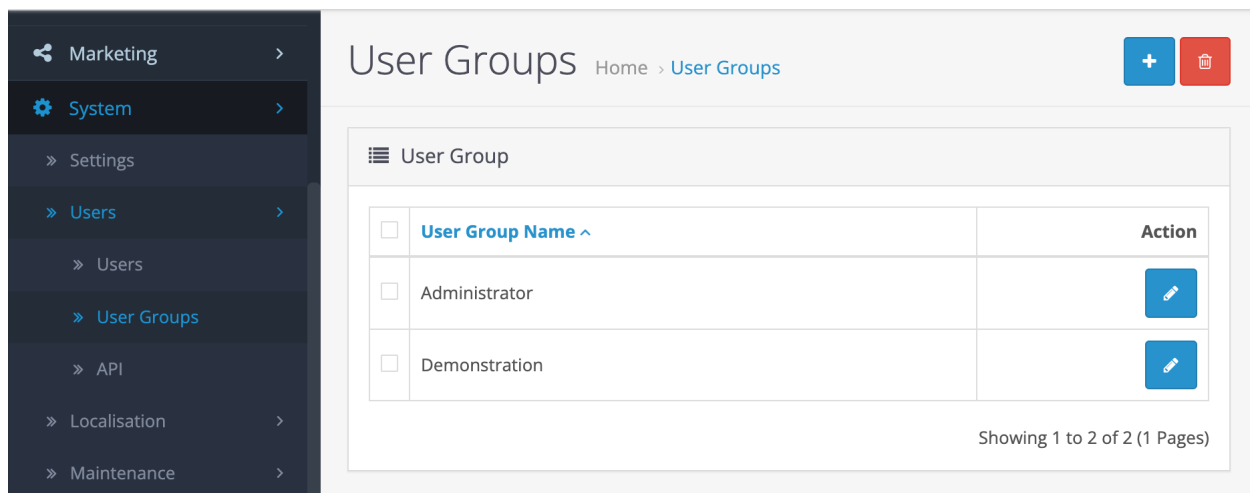


The screenshot shows the OpenCart admin interface. On the left is a dark sidebar with a 'NAVIGATION' menu containing links to Dashboard, Catalog, Extensions (highlighted), Omniva, Marketplace, Installer, Modifications, Events, and Design. The main content area is titled 'Extensions' with a breadcrumb 'Home > Extensions'. Below the title is an 'Extension List' section with the heading 'Choose the extension type'. A dropdown menu shows 'Shipping (13)' with a 'Filter' button. Below this is a table titled 'Shipping'.



Shipping Method	Status	Sort Order	Action
Omniva	Disabled		 

Step 3. Access / Modify permissions

To be able to use module within the admin (edit settings, access manifest page etc.) OpenCart permissions for user groups must be set. To do so please go to System -> Users -> User Groups

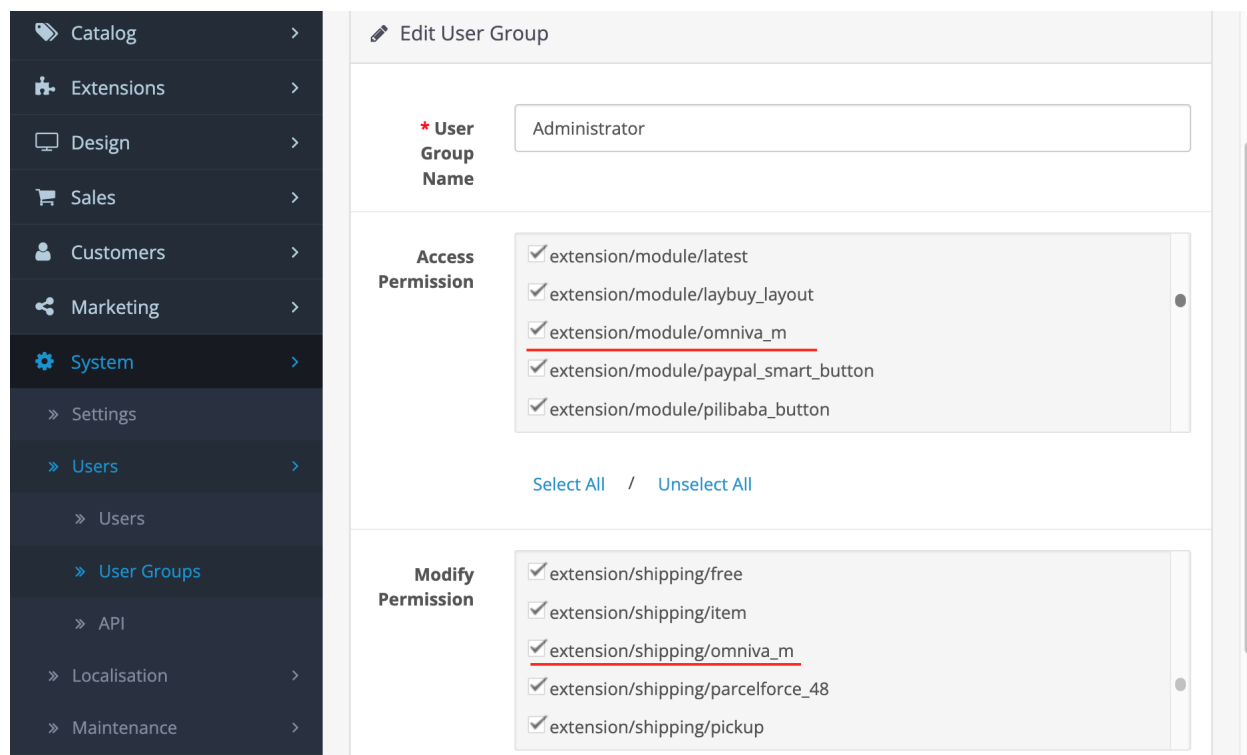


The screenshot shows the OpenCart admin interface for the 'User Groups' page. The left sidebar has a 'System' menu with links to Settings, Users, User Groups (highlighted), API, Localisation, and Maintenance. The main content area is titled 'User Groups' with a breadcrumb 'Home > User Groups'. There are '+', 'edit', and 'trash' icons in the top right. Below is a 'User Group' table.

<input type="checkbox"/>	User Group Name ^	Action
<input type="checkbox"/>	Administrator	
<input type="checkbox"/>	Demonstration	

Showing 1 to 2 of 2 (1 Pages)

Then edit user group to allow access and/or modify permissions (there should be at least two entries in both windows with omniva_m paths)

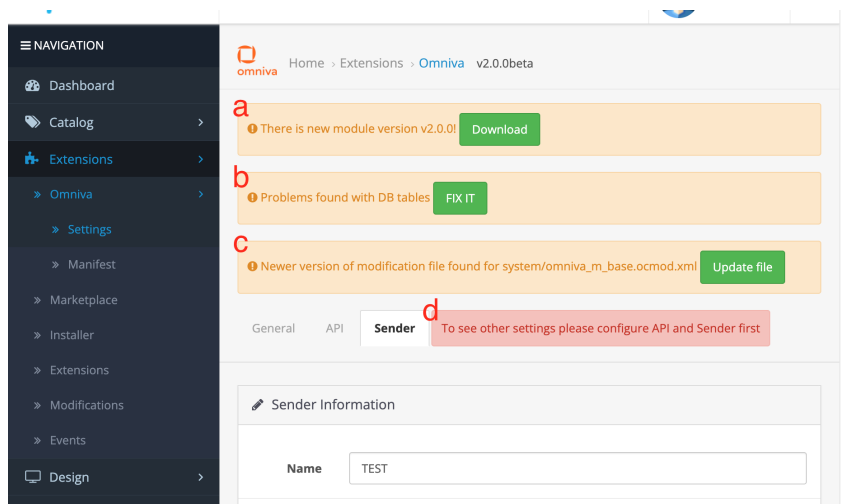


Step 4. Configuring module settings

Extensions -> Extensions select Shipping and Omniva row use Pencil button to edit module settings. Until API and Sender information is set and saved there will be notification about other settings being locked (d)

First time opening settings there should be notifications about updating modification file (c) and in case of OpenCart 3+ there might be notification about change to database (b).

Module checks for new versions automatically when opening settings. If newer module version found it will notify (a).

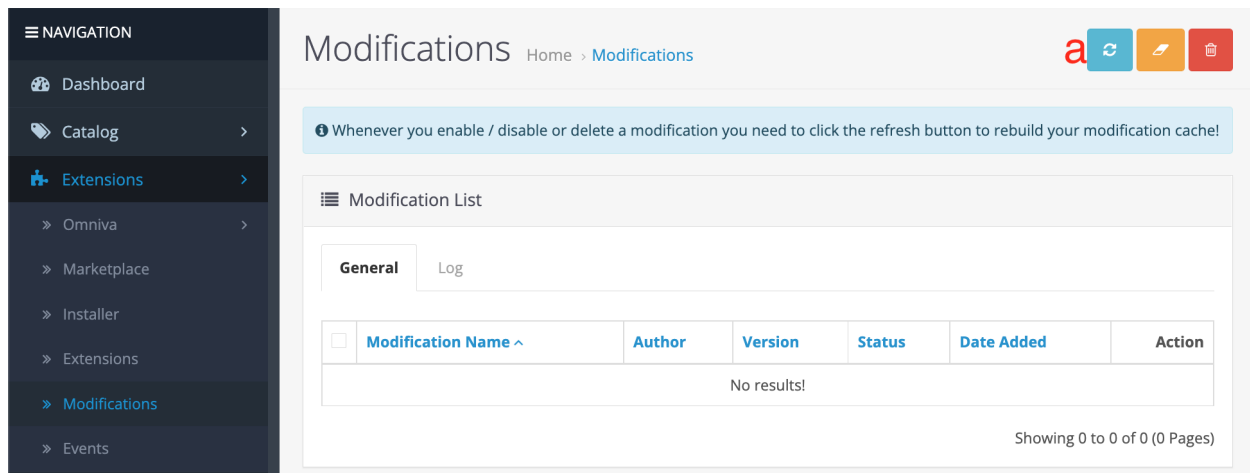


Step 5. Applying modifications

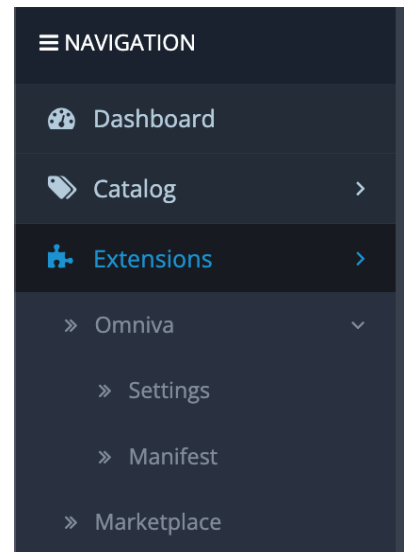
In order for the module to display map selector in checkout as well as other functionality some of OpenCart files needs to be modified. OCMOD is being used. When in module setting "Update file" inside notification about updated modification file omniva_m_base.ocmod.xml is pressed two things happens

1. Module copies over modification file into OpenCart system directory
2. Redirects user to `Extensions -> Modifications` OpenCart page

It is required then to press refresh button (a) to apply modifications. Please note that since module places ocmoc file into system directory it is not showed in modification list table.



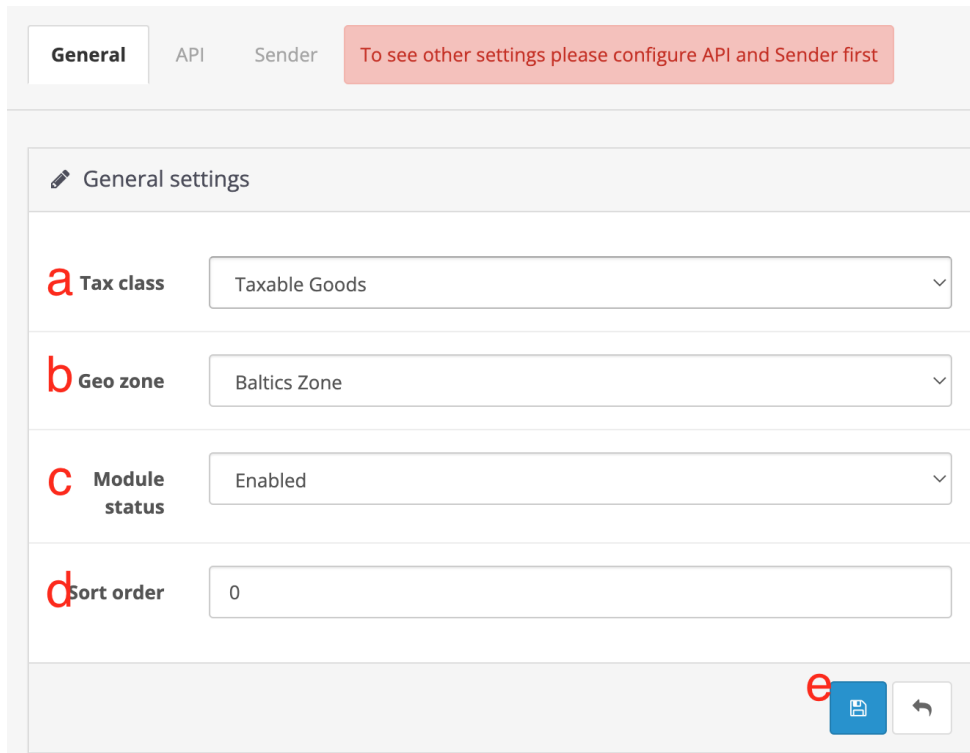
After modifications is applied new Omniva menu (Settings and Manifest) will be added to admin menu under Extensions.



Module settings

- General Tab

This is general settings dependant on OpenCart



The screenshot shows the 'General' tab of a shipping module's settings. At the top, there are three tabs: 'General', 'API', and 'Sender'. A red message box states: 'To see other settings please configure API and Sender first'. Below the tabs, the 'General settings' section contains four configuration items: (a) 'Tax class' set to 'Taxable Goods', (b) 'Geo zone' set to 'Baltics Zone', (c) 'Module status' set to 'Enabled', and (d) 'Sort order' set to '0'. At the bottom right, there is a red 'e' icon, a blue 'Save' button, and a grey 'Cancel' button.

- (a) Tax class - set what tax class (configured in OpenCart) is used to calculate final shipping cost
- (b) Geo zone - It is recommended to use configured geo zones to limit module visibility to just selected countries. This setting also decides what countries will be displayed for price control
- (c) Module status - enables or disables module
- (d) Sort order - order where module should be if used together with other shipping modules
- (e) Press save button to save changes

- API Tab

The screenshot shows the 'API settings' form with the following fields and values:


- Endpoint URL:** `https://edipost.xml.ee`
- Contract Origin:** Other
- Username:** 7005511
- Password:** 72CNyk2z
- Send parcel by:** Courier
- Print labels:** A6 (1 label)
- Add Order ID as comment to label:** Yes

At the bottom right, there is a blue 'Save' button and a grey 'Cancel' button. Red letters 'a' through 'f' are placed to the left of the corresponding fields, and a red letter 'g' is placed to the left of the 'Save' button.

- (a) Contract Origin - country origin where Omniva contract was made. Default is "Other" and only should be changed if contract is done in Estonia
- (b) Username to Omniva API is supplied by Omniva manager
- (c) Password to Omniva API is supplied by Omniva manager
- (d) Send parcel by - How parcels will be sent from your store
- (e) Print labels - Option for what format should be used when printing Omniva labels.
Can be Either A4 with 4 labels per page or A6 - one label per page
- (f) Add Order ID as comment to label - option to add order id as comment to labels.
Useful to not mix up labels when printing more than one at once. Default: Yes
- (g) Press save button to save changes

- Sender Tab

Sender information, this info will be visible on labels and also used for courier call.

 Sender Information

a

Name

TEST

b

Street

Test g. 4

c

Postcode

11111

d

City

Kaunas

e

Country

Lithuania

f

Mob. phone



+37061234567

g

E-mail

do_not_respond@test.com

h

- (a) Name - Sender name visible on label
- (b) Street - Sender address visible on label
- (c) Postcode - Sender address visible on label. Note! Latvian postcodes must be in format LV-XXXX
- (d) City - Sender city visible on label
- (e) Country - Sender country visible on label
- (f) Mob. phone - Sender mobile phone visible on label
- (g) E-mail - Sender e-mail
- (h) Press save button to save changes

- Price Tab

Price settings support range behavior in input fields for better price control.

General API Sender **Price** C.O.D Terminals Tracking E-mail

Price Settings

Set -1 (negative price) in price field to disable that option for particular country.

a Country Selection is limited to set Geo Zone

b Terminal price **d** Range type

c Courier price Range type

e Add Price

Country	Terminal price	Range type	Courier price	Range type	Actions
f Estonia	1	Cart Total	6	Cart Total	g h
Lithuania	0:5 ; 50.25:3.33 ; 200:2.3	Cart Total	0:2 ; 10.99:4.99	Cart Weight	

- (a) Country for which price setting is being created. List depends on the set Geo Zone. Once price for country is added country is removed from this list
- (b) Terminal price for the country. Supports range format (see below)
- (c) Courier price for the country. Supports range format (see below)
- (d) Range type set on what price is based. Can be based on Cart Weight or Cart Total
- (e) Add price button saves price settings for the country
- (f) After saving price setting for the country it is displayed in table as summary
- (g) Button to edit price setting
- (h) Button to delete price setting. After removal country will be added back to list (a)

- Price format.

Price can be set in multiple ways.

- Just price by itself. Eg. 1
- Can be left empty or negative. This will disable that option for the country. Eg. setting terminal price to -1 and courier to 5 means only courier option will be displayed
- Set as ranges in a format `range_type:price ; range_type:price`

Example for range type Cart Total:

Terminal price	<input type="text" value="0:10 ; 50:2.5 ; 300:0"/>	Range type	<input type="text" value="Cart Total"/>
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This means from cart total 0 to 50 price will be set as 10, from 50 to 300 as 2.5 and from 300 and above as 0

Example for range type Cart Weight, weight is assumed in kg:

Terminal price	<input type="text" value="0:2.5 ; 5:4 ; 20:8"/>	Range type	<input type="text" value="Cart Weight"/>
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This means from cart weight 0kg to 5kg price will be set as 2.5, from 5kg to 20kg as 4 and from 20kg and above as 8.

Please note terminal option is automatically disabled if cart total weight is above 30kg.

- C.O.D Tab

It is recommended to setup at least which of installed payment methods are cash on delivery type. As that will let the module warn if an order is made with cash on delivery while this option is disabled for usage with Omniva.

Note! These settings does **not** affect payment methods, meaning having C.O.D disabled in Omniva module does not mean cash on delivery method will not be shown in checkout if Omniva method is selected. This setting is used only by module to know when to add additional information when registering labels.

General API Sender Price **C.O.D** Terminals Tracking E-mail

C.O.D Settings

a Enabled

b ☐ Cheque / Money Order
☒ **Cash On Delivery**
☐ Free Checkout
Select payment options that are for C.O.D

c **Receiver name** DEMO SHOP

d **IBAN** LT12 1000 0111 0100 1000

e

- (a) Enables or disables module ability to register labels with cash on delivery information
- (b) List of all installed payment methods, methods that are for cash on delivery should be checked, this way module will know that label needs cash on delivery information added
- (c) Bank account receiver name
- (d) Bank account
- (e) Press save button to save changes

- Terminals Tab

Displays information about terminals


General API Sender Price C.O.D **Terminals** Tracking E-mail

📍 Terminals information

a Last update: **2022-03-03 15:58:17**

b EE: **285**
LT: **349**
LV: **294**

c CRON URL: http://dev.local/opencart30oc_v2/index.php?route=extension/module/omniva_m/ajax&action=terminalUpdate&secret=620a93fe67958
Use this link to setup automated terminals update (Cron Job)

d 

- (a) Time when terminals were updated last time
- (b) Shows terminal count for each country. Note! Estonian post offices are not counted or used within module
- (c) In order to automatically update terminal list please use cron job or other tools to visit given URL
- (d) Can be used to update terminals anytime manually

- Tracking Email Tab

If enabled, the module will send a text email to the customer with tracking URL after label was generated. OpenCart mailer is used for sending. Please note if mailer is configured to use PHP mail() function it might not always work or get blocked. It is advised to setup SMTP for mailer.

Note! Send email is in text format, as the module does not support html templates.

General API Sender Price C.O.D Terminals **Tracking E-mail**

✉ Tracking URL e-mail

a Status Enabled



b Tracking URL
@ will be replaced with tracking number

c E-mail subject

d E-mail template

You can track your shipment here:
{{ tracking_url }}

{{ tracking_url }} - key where to insert tracking URL, to insert just tracking number please use {{ tracking_number }}

e  

- (a) Enable or disable email sending
- (b) Tracking URL to be used with barcodes, use @ to mark where barcode should be placed
- (c) Email subject
- (d) Email template. Within template special tags can be used to place either tracking URL or barcodes.
 - {{ tracking_url }} used to insert tracking url
 - {{ tracking_number }} used to insert barcode
- (e) Press save button to save changes

Manifest page

Omniva manifest page can be reached Extensions -> Omniva -> Manifest

The screenshot shows the Omniva manifest page. On the left is a dark sidebar with a 'NAVIGATION' menu containing items like Dashboard, Catalog, Extensions, Omniva, Settings, Manifest, Marketplace, Installer, Extensions, Modifications, Events, Design, Sales, Customers, Marketing, System, and Reports. The main area is titled 'Orders with Omniva shipping' and contains a table with columns: Order ID, Customer, Status, Barcode, Manifest ID, and Actions. The table lists several orders, all with status 'Pending'. The 'Actions' column contains icons for printing/registering labels (e) and creating a manifest (f). On the right, a 'Filters' panel (g) includes input fields for Order ID, Customer, and Barcode, and dropdown menus for 'Has Barcode' and 'Is In Manifest'. At the top right of the main area are three icons: a printer (a), a document (b), and a truck (c). A red letter 'd' is placed over the table header.

- (a) Button to mass print/register labels for marked orders. Module will try to register label if order has no barcode or had previously an error, and if barcode already exists will print that label
- (b) Button to create manifest with marked orders. Only orders that are not in manifest will be used to create manifest
- (c) Button to call Omniva courier for pickup
- (d) List of all orders made with Omniva shipping method selected
 - Order ID
 - Customer - order customer name, also link to open order details
 - Status - current order status
 - Barcode - latest registered barcodes or in case of error last error
 - Manifest ID - if order was added to manifest it will show manifest ID
- (e) Single order label print / register
- (f) Print existing manifest. Only visible if order is in manifest (Manifest ID column shows manifest ID)
- (g) Filters, see below for details



Spinning circle inside button shows that click is received and it is working. Please wait for it to finish.

- Filters

Manifest filters help to filter out certain orders for label registration and/or manifest creation.

- (a) Filters by given Order ID
- (b) Filters by given customer name
- (c) Searches for a barcode or part of barcode.
Please note it searches through whole history while table only shows the latest barcode or error. To see such barcode please look inside order Omniva panels Label history tab
- (d) Has barcode - filter by orders that have barcodes or vice versa
- (e) Is in manifest - filter by orders that are in manifest or vice versa
- (f) Order status - filter orders by status
- (g) Use filter and load results



The screenshot shows a 'Filters' panel with the following elements:

- Order ID** (a): A text input field.
- Customer** (b): A text input field.
- Barcode** (c): A text input field.
- Has Barcode** (d): A dropdown menu with a '-' placeholder.
- Is In Manifest** (e): A dropdown menu with a '-' placeholder.
- Order Status** (f): A dropdown menu with a '-' placeholder.
- Filter Button** (g): A button labeled 'Filter' with a downward arrow icon.

OpenCart Sales Order List

Module inserts additional functionality into default OpenCart Sales -> Orders menu for easier identification of orders made with Omniva shipping method.

The screenshot shows the OpenCart 'Orders' page. On the left is a dark navigation sidebar with 'Sales' > 'Orders' selected. The main area has a breadcrumb 'Home > Orders' and a toolbar with icons for print, register, add, and call. Below this is the 'Order List' table and a filter sidebar.

<input type="checkbox"/>	Order ID	Customer	Status	Total	Date Added	Date Modified
<input type="checkbox"/>	16	Testas Testutis 	Pending	129.47€	09/03/2022	09/03/2022
<input type="checkbox"/>	17	Testas Testutis 	Pending	126.24€	03/03/2022	03/03/2022

The filter sidebar on the right includes a 'Filter' section with a dropdown for 'Show Only Omniva Orders' (set to 'No') and an 'Order ID' search field.

- (a) Orders with Omniva shipping method is marked with Omniva logo near customer name
- (b) Button to Print/Register Omniva label. It only affects orders with Omniva shipping method, and tries to register labels if they have no registered barcode or had an error or Omniva order information was changed recently.
- (c) Button to call Omniva courier. Same as button in Omniva manifest page
- (d) Additional filter so only orders with Omniva shipping method is shown

Order information page

Module inserts additional panel into OpenCart order view page with additional information used for registering labels. As well label history about previously registered barcodes or errors. Changing order information in this panel when barcode has been registered will mark order as needing a new label. It will also remove this order from manifest if it was added into one.

- Omniva order information tab

Omniva

Omniva order information Label history **12**

a Order added to manifest ID: 4

b Latest registered tracking numbers: ["CE534659073EE"]

c Multiparcel 1

d Total weight 10.01 kg
If multiparcel is used, weight will be divided by multiparcel number.

e C.O.D No Amount 129.47 €

f Register Label **g** Print Label **h** Save Order Data

- (a) Information to what manifest ID this order has been included. Shown only if in manifest
- (b) Shows latest registered barcodes or errors. Also if order information has been changed in some way
- (c) Can be set to have multi parcel (multiple barcodes for one order). Only available when shipping method is courier
- (d) Order total weight. Note! Omniva terminals allow a maximum weight of 30kg. If multi parcel is used - weight will be divided by the multi parcel number
- (e) Cash on delivery information. C.O.D yes/no is determined automatically based on module C.O.D settings.
- (f) Button to register label. It will warn about registering if order already has barcodes. Registering again removes order from any manifests it was in before
- (g) Prints label. Only visible if registered barcodes are available

- (h) Save order data button saves changes done in this panel, upon success order page will be reloaded. This action also invalidates previously registered labels (which is still accessible through Label history tab) as well removes order from any manifest it was in

- Label history tab

Omniva

Omniva order information

Label history 4

Date	Service Code	Tracking Number	Actions
2022-03-16 18:22:58	QH	["CE534659073EE"]	<div>b</div> <div>Print</div>
2022-03-10 12:28:14	Order data changed		
2022-03-09 16:11:48	QH + BP	["CE529629207EE"]	<div>Print</div>
2022-03-09 16:06:44	LX + BP	ITEMNR1 - JJEE47005511X0010789589 - Wrong delivery zip code '47174' for pack 'null' (zip does not exist in zip register for country EE)	

- (a) Label history table shows previous actions like errors during registration, service and additional service codes with which module tried to register the label.
- (b) Button allows to print again previously generated label. Note! Only latest label should be used when sending parcel.