

User Guides

Magento 2 Diamond Search

Installation and User Guide for Magento 2 Diamond Search Extension

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Prerequisites(module installed previously)

If you have previously installed this module on your store using **Magelnn** Extension then you need to follow the steps below in order to install it again on your site. You will need to remove the module first then proceed with the installation steps in the next section.

Module Installed via Composer

If the module was installed previously via composer then run the commands below to remove it completely:-

```
1 // disable the module
2 php bin/magento module:disable Mageinn_DiamondSearch
3
4
```

```
//remove the module
5 composer remove mageinn/module-diamondsearch
6
7 //run upgrade commands
8 php bin/magento setup:upgrade
9 php bin/magento setup:di:compile
10 php bin/magento setup:static-content:deploy
```

Module Installed by placing files in app/code

If the module was previously installed by placing extension files in app/code then simply go the following directory `app/code/MageInn/` and remove the **DiamondSearch** folder completely then run the upgrade commands as shown below:-

```
1 php bin/magento setup:upgrade
2 php bin/magento setup:di:compile
3 php bin/magento setup:static-content:deploy
```

Installation

- **Upload Package:** Upload the content of the module to your root folder. This will not overwrite the existing Magento folder or files, only the new contents will be added.
- **Install Extension:** After the successful upload of the package, run below commands on Magento2 root directory.

```
1 composer require scommerce/core
2 php bin/magento setup:upgrade
3 php bin/magento setup:di:compile
4 php bin/magento setup:static-content:deploy
```

Configuration Settings for Diamond Search

Go to *Admin > Stores > Configuration > Scommerce > Diamond Search*

General Settings

- **Enable Module** – Select “Yes” or “No” to enable or disable the module.
- **License Key** – Please add the license for the extension which is provided in the order confirmation email. Please note license keys are site URL specific. If you require license keys for dev/staging sites then please email us at core@scommerce-mage.com
- **Source:-** Select the source from where the products are pulled. Rapnet/Demo pulls product via Rapnet API where Rapnet is live. "Local" pulls products from magento.
- **API Key (RapNet):-** Enter the API key provided by RapNet here. • <http://technet.rapaport.com/ProgrammaticAccess/Keys.aspx> The following key works only “localhost”

domain: 8EC95570ABE6411290197CB28845A6FF

Please note - "localhost" means domain. Not IP- address like "127.0.0.1", not other domain matched to local IP, "localhost" means domain. So this test API-key used only for local site running via "http://localhost". Not for "http://127.0.0.1", not for "http://my-domain-resolved-to-local-ip.tld", only for "http://localhost"

- **Theme Color:-** Enter the colour code for the entire diamond search theme
- **Diamond Image Type:-** Choose between two image types schematic or photo for diamonds that appear in the list
- **Settings Attribute Set:-** Attribute Set used to select products on Settings step(step 2) in Ring Builder (eg:- something like "Rings")
- **Diamond Search Category:-** Diamond Search Category used to show Settings on Step 2(choose a setting)
- **Show Dropdown filters:-** If set then filters will be dropdowned. If not set then filters will be always displayed

General

Enable Module <small>[store view]</small>	Yes	
	<small>Enable/Disable the module</small>	
License Key <small>[store view]</small>		
	<small>Please enter license key</small>	
Source <small>[store view]</small>	Demo	
	<small>Select the source from where the products are pulled. Rapnet/Demo pulls product via Rapnet API where Rapnet is live. "Local" pulls products from magento</small>	
Theme Color <small>[store view]</small>	96246f	
	<small>Enter the colour code for the entire diamond search theme</small>	
Diamond Image Type <small>[store view]</small>	Schematic	
Settings Attribute Set <small>[store view]</small>	Settings	
	<small>Attribute Set used to select products on Settings step in Ring Builder (usually something like "Rings")</small>	
Diamond Search Category <small>[store view]</small>	Rings	
	<small>Diamond Search Category used to show Settings on Step 2</small>	
Show Dropdown filters <small>[store view]</small>	Yes	<input type="checkbox"/> Use system value
	<small>If set then filters will be dropdowned. If not set then filters will be always displayed</small>	

Widget Filter Settings

- **Expand filters:-** Select "Yes" to expand widget filters by default and select "No" to keep it hidden
- **Show selected Shapes:-** Select "Yes" to show different diamond varieties in filter menu and select "No" to keep them hidden
- **Shapes:-** Allowed Shapes(list of diamonds to appear in filter menu)
- **Show selected Sizes:-** Enable/Disable CARAT filter. Set "Yes" to show CARAT filter. If set to "No" CARAT filter will be disabled

Widget Filters Settings

Expand filters <small>[store view]</small>	No	<input type="checkbox"/> Use system value
	<small>Expand widget filters by default.</small>	



Show selected Shapes [store view] Yes Use system value

Shapes [store view]

- Round
- Princess
- Emerald
- Asscher
- Cushion Brilliant
- Radiant
- Pear
- Oval
- Marquise
- Heart

Allowed Shapes

Show selected Sizes [store view] Yes Use system value

- **Size From:-** CARAT filter range start
- **Size To:-** CARAT filter range end
- **Show selected Colors:-** Enable/Disable COLOR filter. Set "Yes" to show COLOR filter. If set to "No" COLOR filter will be disabled
- **Color From:-** COLOR filter range start
- **Color To:-** COLOR filter range end
- **Show selected Clarities:-** Enable/Disable CLARITY filter. Set "Yes" to show CLARITY filter. If set to "No" CLARITY filter will be disabled
- **Clarity From:-** CLARITY filter range start
- **Clarity To:-** CLARITY filter range end
- **Show selected Cuts:-** Enable/Disable CUT filter. Set "Yes" to show CUT filter. If set to "No" CUT filter will be disabled
- **Cut From:-** CUT filter range start
- **Cut To:-** CUT filter range end

Size From [store view] 0.1 Use system value

Size To [store view] 9 Use system value

Show selected Colors [store view] Yes Use system value

Color From [store view] D Use system value

Color To [store view] M Use system value

Show selected Clarities [store view] Yes Use system value

Clarity From [store view] IF Use system value

Clarity To [store view] I1 Use system value

Show selected Cuts [store view] Yes Use system value

Cut From [store view] Excellent Use system value

Cut To [store view] Good Use system value

- **Show selected Polishes:-** Enable/Disable POLISH filter. Set "Yes" to show POLISH filter. If set to "No" POLISH filter will be disabled
- **Polish From:-** POLISH filter range start
- **Polish To:-** POLISH filter range end
- **Show selected Symmetry:-** Enable/Disable SYMMETRY filter. Set "Yes" to show SYMMETRY filter. If set to "No" SYMMETRY filter will be disabled
- **Symmetry From:-** SYMMETRY filter range start
- **Symmetry To:-** SYMMETRY filter range end

Show selected Polishes [store view] Yes Use system value
Enable/Disable POLISH filter. Set "Yes" to show POLISH filter. If set to "No" POLISH filter will be disabled

Polish From [store view] Excellent Use system value
POLISH filter range start

Polish To [store view] Very Good Use system value
POLISH filter range end

Show selected Symmetry [store view] Yes Use system value
Enable/Disable SYMMETRY filter. Set "Yes" to show SYMMETRY filter. If set to "No" SYMMETRY filter will be disabled

Symmetry From [store view] Excellent Use system value
SYMMETRY filter range start

Symmetry To [store view] Fair Use system value
SYMMETRY filter range end

- **Show selected Labs:-** Enable/Disable CERTIFICATE/LAB filter. Set "Yes" to show CERTIFICATE/LAB filter. If set to "No" CERTIFICATE/LAB filter will be disabled
- **Labs:-** Select list of labs to appear in CERTIFICATE/LAB filter

Show selected Labs [store view] Yes Use system value
Enable/Disable CERTIFICATE/LAB filter. Set "Yes" to show CERTIFICATE/LAB filter. If set to "No" CERTIFICATE/LAB filter will be disabled

Labs [store view] Use system value

AGS
CGL
DCLA
GCAL
GIA
GSI
HRD
IGI
NGTC
NONE

- **Filter by Price Total In Currency:-** Enable/Disable PRICE filter. Set "Yes" to show PRICE filter. If set to "No" PRICE filter will be disabled
- **Filter by Price Total In Currency From:-** PRICE filter range start
- **Filter by Price Total In Currency To:-** PRICE filter range end
- **Currency Code:-** The currency code of the store
- **Show selected Fancy Colors:-** ENABLE/DISABLE fancy colors in COLOR filter. NOTE:- Fancy Colors will only appear when "fancy" is selected in "Default Search Type" setting.
- **Fancy Colors:-** Allowed Fancy Colors(List of fancy colours to appear in the COLOR filter) *NOTE:- Fancy Colors will only appear when "fancy" is selected in "Default Search Type" setting.*

Filter by Price Total In Currency [store view] Yes Use system value

Filter by Price Total In Currency From [store view] 100 Use system value

Filter by Price Total In Currency To [store view] 1000 Use system value

Currency Code [store view] USD Use system value

Show selected Fancy Colors [store view] Yes Use system value

Fancy Colors [store view]

Yellow
 Pink
 Blue
 Green
 Orange
 Brown
 Black
 Gray
 Red
 Purple

Allowed Fancy Colors

Use system value

- **Show Filter by Paired:-** ENABLE/DISABLE PAIR filter. If "yes" Pair will be available in the Filter. It allows to filter diamonds by paired attribute.
- **Diamond Title Format In Widget:-** Placeholders like [size] means diamond property. Placeholders like {STRING} means lexicon string

Show selected Fancy Colors Intensities [store view] Yes Use system value

Fancy Colors Intensities [store view]

Faint

Use system value

Allowed Fancy Colors Intensities

Show Filter by Paired [store view] No Use system value
Allow to filter diamonds by paired attribute

Diamond Title Format In Widget [store view] {DIAMOND} [shape] [size]-{CARAT} Use system value
Placeholders like [size] means diamond property. Placeholders like {STRING} means lexicon string

- **Default Search Type:-** WHITE/Fancy selecting "white" will enable COLOR filter and color filter range whereas selecting "fancy" will enable the FANCY filter and fancy filter range.
- **Page Size:-** Enter the total number of products to appear in the Diamond list.
- **Show Price:-** If set to "Yes" then the PRICE column will be available in the Diamond list. If "No" then price column will disappear from the diamond list.
- **Show Add To Cart Button:-** Set "Yes" or "No" to show or hide Add To Cart Button On Frontend Diamond Page
- **Show Add To Wishlist Button:-** Set "Yes" or "No" to show or hide Add To Wishlist Button On Frontend Diamond Page
- **Is Responsive:-** Set "Yes" or "No" to choose whether the style is responsive for diamond search or not.

Default Search Type [store view] white Use system value
WHITE/Fancy selecting "white" will enable COLOR filter and color filter range whereas selecting "fancy" will enable the FANCY filter and fancy filter range.

Page Size [store view] 13 Use system value
Enter the total number of products to appear in the Diamond list.

Show Price [store view] Yes Use system value
If set to "Yes" then the PRICE column will be available in the Diamond list. If "No" then price column will disappear from the diamond list.

Show Add To Cart Button [store view] Yes Use system value
Show Add To Cart Button On Frontend Diamond Page

Show Add To Wishlist Button [store view] Yes Use system value
Show Add To Wishlist Button On Frontend Diamond Page

Is Responsive [store view] Yes Use system value
Choose whether the style is responsive for diamond search or not.

Myo Widget

- **Add custom size option to bundle product:-** Set "Yes" or "No" to Add or Remove custom size option to bundle product
- **Bundle Generated Size Label:-** Bundle Generated Size Label for dropdown with custom options of generated bundle product
- **Custom Sizes:-** Select the custom Sizes added to bundle product on the fly

Myo Widget

Add custom size option to bundle product [store view] Yes Use system value
Add custom size option to bundle product





Integration Modes

The extension comes with two integration modes:- Local and RapNet.

Local

When mode is set to local you can create your diamond products directly from Magento admin. All you need to do is to assign “Diamonds” attribute set to your diamond products

RapNet

RapNet brings millions of dollars in diamond product to your Magento store, without the cost of owning the physical diamonds. All diamonds and attributes should be configured directly from RapNet admin panel. RapNet provides data and pricing in real time. Once the customer places the order using the ring builder the product gets automatically created in Magento catalog. <https://www.rapnet.com/>

Ring Builder

Ring Builder is a great tool to allow your customers to pair any diamond with setting of their choice. Ring builder is fully responsive. You can also define a filter for each setting, so that only compatible diamonds are shown when setting is selected.

The entire process is divided into three steps namely, choosing a diamond, choosing a ring and in the final step a bundled product is created using previous selections and customers can place an order with that product.

Note:- Customers can start by either choosing a diamond first or choosing a setting(ring) first they will automatically be redirected to the next step.

Choosing a Diamond

If customers chooses to start by selecting a diamond then they will be able to see the diamond search page as shown in the image below. It contains several filters which can be utilized to pinpoint the exact diamond as per requirements.



Choose a diamond

SEARCH DIAMONDS : Showing 790 diamonds FILTERS X

Round
Princess
Emerald
Asscher
Cushion Brilliant
Radiant
Pear
Oval
Marquise
Heart

PRICE

\$ 100 \$ 1000

COLOR / FANCY

D E F G H I J K L M

CUT

Excellent Very Good Good

SYMMETRY

Excellent Very Good Good Fair

CARAT

0.10 8.00

CLARITY

IF VVS1 VVS2 VS1 VS2 SI1 SI2 SI3 I1

POLISH

Excellent Very Good

CERTIFICATE / LAB

AGS CGL DCLA GCAL GIA GSI HRD IGI NGTC NONE PGS VGR COTEC RGGL

[RESET FILTERS](#)

	Round	0.20	E	VS1	Very Good	Very Good	Good	NONE	\$210.00
	Round	0.30	K	I1	Very Good	Excellent	Excellent	GIA	\$218.00
	Round	0.19	H	SI2	Excellent	Excellent	Excellent	NONE	\$218.00

Once the customer decides on a diamond they click on it which takes them to a detailed page for that diamond. It contains all the necessary details related to that specific diamond. Once satisfied they click on **SELECT DIAMOND** and they are redirected to the next step i.e choosing a ring.

Choose a diamond

WIDTH 3.2MM

LENGTH 3.2MM

DIAMOND ROUND 0.12-CARAT

GRADED BY NONE

\$144.00

ADD TO CART
SELECT DIAMOND
ADD TO WISHLIST

[VIEW GRADING REPORT](#)

The 0.12 carat round diamond has H color, SI2 clarity and has no diamond grading report.

DIAMOND DETAILS

STOCK NUMBER	017385A	DEPTH	61%
PRICE	\$144.00	TABLE	57%
PRICE PER CARAT	\$1,200.00	POLISH	Excellent
CERTIFICATE	NONE	SYMMETRY	Excellent
CARAT WEIGHT	0.12	GIRDLE	
CUT	Excellent	CULET	

Choosing a Setting(Ring)

In the next step, customers are directed towards the ring selection. Rings automatically get filtered and only the compatible rings for the diamond selected are displayed on this page. Simply click on choose this setting and you will be redirected to the final step.

[Home](#) > [Rings](#)

1 CHOOSE A DIAMOND

2 CHOOSE A SETTING

3 REVIEW COMPLETE RING

Rings

Shopping Options

4 Items

Sort By Position

PRICE

Compare Products

You have no items to compare.

My Wish List

You have no items in your wish list.



Widget Round Ring
\$250.00



Princess
\$300.00



Little princess
\$280.00



Magic Ring
\$275.00

Review Complete Ring

In the final step a bundled product is created using the first two selections which customers can add to basket and place an order with it.

Home > Rings > Little princess with 0.19-Carat Pear Diamond (dd_122092599)

1 CHOOSE A DIAMOND  \$134.00 [View](#) | [Remove](#) 2 CHOOSE A SETTING  \$280.00 [View](#) | [Remove](#) 3 REVIEW COMPLETE RING

Be the first to review this product

As low as
\$134.00

IN STOCK
SKU#: setting-bundle-2049-2031

[ADD TO WISH LIST](#) [ADD TO COMPARE](#)

Ring Size (UK, Europe & Australia) *

F 1/2

* Required Fields

[Add to Cart](#)



\$414.00

Summary

Your selection:

1 x 0.19-Carat Pear Diamond (dd_122092599)
1 x Little princess

If you have a question related to this extension please check out our [FAQ Section](#) first. If you can't find the answer you are looking for then please contact support@scommerce-mage.com.