

# Image API

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## Retrieving an Image Centered on a Location

This API retrieves a JPEG image using the center point of a location.

If you do not have permissions to access imagery in the specified location you will get a white rectangle instead of the image.

Note: the API only support Web Mercator projection.

### URL Format

```
http://[RC][NUMBER].nearmap.com/staticmap?center=[CENTER LAT LON]&
size=[WIDTHxHEIGHT]&zoom=[ ZOOM]&date=[DATE]&
httpauth=false&apikey=[YOUR API KEY]
```

### URL Parameters

| Parameter | Meaning   | Example                   |
|-----------|---|---------------------------|
| RC        | Region code. Either us or au. Note: the region code for New Zealand is also au.   | au                        |
| NUMBER    | Domain rotation number. Valid numbers are 0-3.  | 0                         |
| center    | Latitude and Longitude of the location on which to centre the image in the format<latitude,longitude>                                       | 37.334849,<br>-122.008946 |
| size      | Size of the image in pixels   | 800x800                   |
| zoom      | Image zoom (Web Mercator zoom)  | 18                        |
| date      | Date of the image, in the format YYYYMMDD   | 20150314                  |
| httpauth  | Whether the tile server should prompt for HTTP basic authentication. Set this to false (as we no longer support HTTP Basic authentication). | false                     |
| apikey    | API Key. See <a href="#">API Key Authentication</a> .   | A325BF1343...             |

### Example

[http://us0.nearmap.com/staticmap?center=37.334849,-122.008946&size=800x800&zoom=18&date=20150205&httpauth=false&apikey=YOUR\\_API\\_KEY](http://us0.nearmap.com/staticmap?center=37.334849,-122.008946&size=800x800&zoom=18&date=20150205&httpauth=false&apikey=YOUR_API_KEY)

## Getting a Bounded Image for a Location

This API retrieves a JPEG image of a location using a bounding box.

If you do not have permissions to access imagery in the specified location you will get a white rectangle instead of the image.

Note: the API only support Web Mercator projection.

### URL Format



`http://[RC][NUMBER].nearmap.com/staticmap?bbox=[BOUNDING BOX]&zoom=[ZOOM]&date=[DATE]&httpauth=false&apikey=[YOUR API KEY]`

## URL Parameters

| Parameter | Meaning   | Example  |
|-----------|---|--|
| RC        | Region code. Either us or au. Note: the region code for New Zealand is also au.   | us   |
| NUMBER    | Domain rotation number. Valid numbers are 0-3.  | 0  |
| bbox      | Bounding box in the format [MIN LAT,MIN LON,MAX LAT,MAX LON]  | 37.33197414633263,-122.0126095035584,37.33767824148404,-122.00526382713622 |
| zoom      | Image zoom (Web Mercator zoom).   | 18   |
| date      | Date of the image, in the format YYYYMMDD   | 20150314   |
| httpauth  | Whether the tile server should prompt for HTTP basic authentication. Set this to false (as we no longer support HTTP Basic authentication). | false  |
| apikey    | API Key. See <a href="#">API Key Authentication</a> .   | A325BF1343...  |

## Example

[http://us0.nearmap.com/staticmap?bbox=37.33197414633263,-122.0126095035584,37.33767824148404,-122.00526382713622&nmd=20150216&zoom=18&date=20150205&httpauth=false&apikey=YOUR\\_API\\_KEY](http://us0.nearmap.com/staticmap?bbox=37.33197414633263,-122.0126095035584,37.33767824148404,-122.00526382713622&nmd=20150216&zoom=18&date=20150205&httpauth=false&apikey=YOUR_API_KEY)

## Note on "Best" Zoom

When using the value "best" for zoom level, the system will generate the best image possible, in terms of pixels, for the specified location, up to a maximum of 6000 x 6000 pixels.

## Further Information

Read about [how Nearmap image API handle imagery requests when no imagery for a specified date is available](#).