

# Image API

This guide includes the following sections:

- [Retrieving an Image Centered on a Location](#)
  - [URL Format](#)
  - [URL Parameters](#)
  - [Example](#)
- [Getting a Bounded Image for a Location](#)
  - [URL Format](#)
  - [URL Parameters](#)
  - [Example](#)
  - [Note on "Best" Zoom](#)
- [Further Information](#)

## 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 returns imagery in 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,-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
```

## 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 handles imagery requests when no imagery for a specified date is available](#).