

Webx API Usage Guide A2

HTTP API

GET <https://api.amigo.taxi/webx/v1/vehicle/list>

Returns a slim vehicle list with their latest GPS status.

Example Request

```
None
GET /webx/v1/vehicle/list
```

Success Response 200

```
JSON
{
  "taxis": [ /* TaxiFleetTdSlimRecord[] */ ]
}
```

GET <https://api.amigo.taxi/webx/v1/vehicle/nearby>

Finds slim vehicles within a geographic radius from a given location.

Query Parameters

Parameter	Type	Default	Constraints	Description
lat	float	—	Required, -90 to 90	Center latitude (6 decimal degrees)
lng	float	—	Required, -180 to 180	Center longitude (6 decimal degrees)

Parameter	Type	Default	Constraints	Description
radius	integer	5	—	Search radius
unit	string	"km"	m, km, mi, ft	Distance unit
count	integer	50	max 200	Maximum results to return

Example Request

None

```
GET /webx/v1/vehicle/nearby?lat=22.3193&lng=114.1694&radius=2&unit=km&count=10
```

Success Response 200

JSON

```
{
  "taxis": [ /* TaxiFleetTdSlimRecord[] */ ]
}
```

Results are sorted by distance ascending. Each record includes a `distance` field (as a string) indicating distance from the query center.

Error Responses

Status	Cause
400	Invalid <code>lat/lng</code> range, or unrecognized <code>unit</code>

Response Schemas

TaxiFleetTdSlimRecord

Field	Type	Format	Description
veh_id	string	Stable 12-char	Vehicle ID

Field	Type	Format	Description
taxi_type	string	Enum: "O" "P" "W"	Vehicle type
passenger_cap	integer null	Whole number	Seating capacity
lat	float	6 decimal places, accuracy $\pm 0.5\%$	Current latitude
long	float	6 decimal places, accuracy $\pm 0.5\%$	Current longitude
time_stamp	string	ISO 8601, +08:00	Data received time
op_status	string	Enum: "O" "V" "N"	Occupied / Vacant / No service