

get_rs232ext.php

Returns RS-232 Data with activated RS-232 Extension

Description

GET `get_rs232ext.php?company=COMPANY_RTIKEY&vehicle=VEHICLE_RTIKEY&start=YYYYMMDDHHMMSS&end=YYYYMMDDHHMMSS&format=CSV&charset=ISO-8859-1`

Parameters

Parameter	Description	Type	Note	Mandatory
company	RTI company key	string		yes
vehicle	RTI vehicle key	string		yes
start	start of requested time range	datestring	format: YYYYMMDDHHMMSS between start and end maximum 7 days difference allowed	yes
end	end of requested time range	datestring	format: YYYYMMDDHHMMSS between start and end maximum 7 days difference allowed	yes
format	return format	string	CSV (default) or CSV_B64	no
charset	return charset	string	default: ISO-8859-1 (although a free defined charset code)	no

Return

Return a **string**. In case of error "**ERROR:Description**" will be returned.

CSV Format

Meta data

Delimiter	semicolon (;)
Text delimiter	double quote (")
Line end	0x0D 0x0A (CarriageReturn LineFeed)
Header	line 1

Columns

Column	Description	
DATE	GPS date when measurement was created	YYYY-MM-DD HH:MM:SS
CAR	vehicle licence	string
SERIALOUTPUT	RS-232 data	string
LAT	Latitude	Example: 51.03659
LON	Longitude	Example: 13.59967

Example

example in csv

```
"DATE";"CAR";"SERIALOUTPUT";"LAT";"LON"
"2014-03-20 11:43:01";"FLT017 (T34118.0110)";"Prop.Skalning Av";"50.83012";"13.41215"
"2014-03-20 11:43:02";"FLT017 (T34118.0110)";"Output Portt 1 Text";"50.83012";"13.41215"
"2014-03-20 11:43:03";"FLT017 (T34118.0110)";"Farvald Tara Av";"50.83012";"13.41215"
```

CSV Base 64 Format

Meta data

Delimiter	semicolon (;)
Text delimiter	double quote (")
Line end	0x0D 0x0A (CarriageReturn LineFeed)
Header	line 1

Columns

Column	Description	
DATE	GPS date when measurement was created	YYYY-MM-DD HH:MM:SS
CAR	vehicle licence	string
SERIALOUTPUT	RS-232 data	string
LAT	Latitude	Example: 51.03659
LON	Longitude	Example: 13.59967

Example

return SERIALOUTPUTB64

```
"DATE";"CAR";"SERIALOUTPUTB64";"LAT";"LON"
"2014-03-20 11:43:01";"FLT017 (T34118.0110)";"UHJvcC5Ta2FsbnluZyAgICAgQXY=";"50.83012";"13.41215"
"2014-03-20 11:43:02";"FLT017 (T34118.0110)";"T3B1dHB1dCBQb3J0dCAXICAgICAgVG4dA==";"50.83012";"13.41215"
"2014-03-20 11:43:03";"FLT017 (T34118.0110)";"RpRydmFsZCBuYXJhICBBdG==";"50.83012";"13.41215"
```

JSON Format (RFC 4627)

Rückgabe JSON

```
[[{"date":"2022-01-24 04:22:59",
  "car":"FLT017 (T34118.0110)",
  "serialoutput":"UHJvcC5Ta2FsbmluZyAgICAgQXY=",
  "lat":"50.83012",
  "lon":"13.41215"},
{"date":"2022-01-24 04:23:01",
  "car":"FLT017 (T34118.0110)",
  "serialoutput":"T3B1dHB1dCBQb3J0dCAxICAgICAgICAgVGv4dA==",
  "lat":"50.83012",
  "lon":"13.41215"}]]
```

Example calls

Request with default CSVformat and UTF-8 charset

```
https://map.yellowfox.de/rti/get_rs232ext.php?
company=COMPANY_RTIKEY&vehicle=VEHICLE_RTIKEY&start=20140320000000&end=20140321000000&charset=utf-8

https://map.yellowfox.de/rti/get_rs232ext.php?company=COMPANY_RTIKEY&vehicle={"type":"car_ident","groupKey":"
GROUP_RTIKEY","ident":"VEHICLE_IDENT"}&start=20140320000000&end=20140321000000&charset=utf-8
```

Request with format CSV Base 64

```
https://map.yellowfox.de/rti/get_rs232ext.php?
company=COMPANY_RTIKEY&vehicle=VEHICLE_RTIKEY&start=20140320000000&end=20140321000000&format=csv_b64

https://map.yellowfox.de/rti/get_rs232ext.php?company=COMPANY_RTIKEY&vehicle={"type":"car_ident","groupKey":"
GROUP_RTIKEY","ident":"VEHICLE_IDENT"}&start=20140320000000&end=20140321000000&format=csv_b64
```