

Accessing with RESTful (V4)

API Endpoint

All API URLs listed in this documentation are relative to `http://your_linortek_server/api/ api_command/`

RESTful

The Linortek API is a RESTful type API. Known caveats:

- All API calls should be made with HTTP GET.
- You can consider any non-200 HTTP response code an error.

Passing Data

Request data is passed to the API by using the HTTP GET command inclusive of data. Not all commands return data.

Output Formats

Commands that return data use a format of `<data_name> data </data_name>`. The data name is defined within the RESTful URL description.

RESTful APIs

Fargo/Koda/Ultra 300 - Relay Output

- To turn a relay on:

`your_IP_address/api/relay/relay_number/on/`

- To turn a relay off:

`your_IP_address/api/relay/relay_number/off/`

- To return relay state:

`your_IP_address/api/relay/relay_number/getstate/`

returns: `<state> 'on' or 'off' </state>`

Fargo/Koda - Digital Input

- To return an input state:

`your_IP_address/api/digital/input_number/getstate/`

Fargo / Koda / Ultra 300 XML payload

- To pull data out of the inputs

`your_IP_address/p/instat.xml`

Fargo / Koda Temperature & Humidity (sensor required)

- To return sensor temperature:

`your_IP_address/api/sensor/temperature/`

- To return sensor humidity:

`your_IP_address/api/sensor/humidity/`

iTrixx -NHM/Ultra 300 Network Hour Meter

RESTful API commands Network Hour Meter Readings (Note: This API commands are for software: iTrixx-NHM: Rev. 427 and above, iTrixx-Ultra 300: v.0.048 and above)

- Meter 1: `your_IP_address/api/hourmeter/1/getcount`
- Meter 2: `your_IP_address/api/hourmeter/2/getcount`

XML payloads

- To pull hours out:

your_IP_address/hours.xml

your_IP_address/hourdetail.xml

Netbell, Fargo / Koda (after 0.448v)

To change the timezone:

your_IP_address/api/timezone/<your time zone>

To restart the device:

your_IP_address/api/reset/1/.

API call to switch between schedules (different ring times) for Netbell-Ultra 300 (after 0.071v)

- To receive List of schedules:

Your IP address/api/bells/schedules/list

Returns: {"schedules": [{ "idx": 0, "name": "1st schedule", "desc": "test description 1", "active": true}, {"idx": 1, "name": "2nd sch", "desc": "test string 2", "active": false}]}

- To switch between schedules:

Your IP address/api/bells/schedule/"idx" number/setactive

Returns: {"error": false, "status": "success"}

For more information on Linortek product Manual, Video Tutorials for installation and schedule settings are available on our website Download page: <https://www.linortek.com/downloads/>

CONTACT SUPPORT TEAM:

Phone: 001-336-485-6566

Email: support@linortek.com