

### 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 - 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 R4 / KODA - DIGITAL INPUT

##### TO RETURN AN INPUT STATE:

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

##### TO PULL DATA OUT OF THE INPUTS

`your_IP_address/p/instat.xml`

#### 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/`

#### NETWORK HOUR METER

##### RESTFUL API COMMANDS NETWORK HOUR METER READINGS (NOTE: THIS API COMMANDS ARE FOR SOFTWARE REV. 427 AND ABOVE)

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

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

##### FOR PULLING THE HOURS OUT THERE ARE TWO XMLCOMMANDS BULIT IN;

`your_IP_addressr/hours.xml`

`your_IP_address/hourdetail.xml`