Ijinus LoRaWAN Payload Codec API for v4 sensors

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Table of Contents

Default

- decodeUplink(input)

Default

decodeUplink(input)

Point d'entrée de LoRaWAN Payload Codec API pour décodage d'un binaire envoyé par le capteur Ijinus.

Return type
DecodeUplinkOutput

Example data
Content-Type: application/json


```
{
  "data" : {
    "descriptors" : [ {
      "datatype" : 11,
      "channel" : 0,
      "label" : "Température",
      "unit" : "°C"
    }, {
      "datatype" : 14,
      "channel" : 0,
      "label" : "Hauteur de matière",
      "unit" : "mm"
    } ],
    "records" : {
      "2024-08-20T12:00:00.000Z" : {
        "0" : 21,
        "1" : 1000
      },
      "2024-08-21T12:00:00.000Z" : {
        "0" : 22,
        "1" : 1200
      }
    },
    "TZMinutesOffset" : -120,
    "TZLabel": "Europe/Paris",
    "sn" : "IJA0102-01234567",
    "deviceId" : 0
  },
  "warnings" : [ "warnings", "warnings" ],
  "errors" : [ "errors", "errors" ]
}
```


Table of Contents

1. DecodeUplinkOutput
2. Data
3. Descriptor

DecodeUplinkOutput

data (mandatory if successful)
Data

errors (mandatory if failed)
array[String]

warnings (optional)
array[String]

Data

sn (optional)
String
example: IJA0102-01234567

deviceId (optional)
Integer
example: 0

TZMinutesOffset (optional)
Integer
example: -120

TZLabel (optional)
String
example: Europe/Paris

descriptors
array[Descriptor]
example: [{ "datatype": 11, "channel": 0, "label": "Température", "unit": "°C" }, { "datatype": 14, "channel": 0, "label": "Hauteur de matière", "unit": "mm" }]

records
map[DateTime, map[key: descriptors index as Integer, value: Integer|String|Boolean]
example: { "2024-08-20T12:00:00.000Z": { "0": 21, "1": 1000 }, "2024-08-21T12:00:00.000Z": { "0": 22, "1": 1200 } }

Descriptor

datatype
Integer
example: 11

channel
Integer
example: 0

label (optional)
String
example: Température

unit
String
example: °C