

# WQX data interface manual

Platform Service China | 2021-10-14 | for WQX

- username/password: admin/admin
- database name: OnSite
- query: GET  
`http://172.19.4.101:8086/query?db=OnSite&u=<username>&p=<password>&q=<query>`
- status: `http://172.19.4.101:8086/ping`
- write: POST  
`http://172.19.4.101:8086/write?db=OnSite&u=<username>&p=<password>`
- statistics: `http://172.19.4.101:8086/debug/vars`

**features**

- time : id
- anomaly : boolean
- anomalyInt : interger
- dc : float
- peak : float
- rms : float
- device : tag

**spectrogram**

- time : id
- 400 : float
- 800 : float
- 1200 : float
- ..... : float
- 12400 : float
- device : tag

**spike\_events**

- time : id
- snr : float
- device : tag

**waveform**

- time : id
- amplitude : float
- device : tag

# mySQL TCP protocol

- PORT: 3306
- username/password: root/voith41081
- database name: OnSite
- query: `mysql -h 172.19.4.101 -u <username> -p<password> OnSite -e <query>`

## **spectrum**

- device : varchar(32) KEY
- start : datetime KEY
- frequency : double
- magnitude : double

# MQTT message for anomaly detected

- Topic: acoustic/anomaly
- MQTT broker: 172.19.4.101
- Port: 1883

## Usage:

- `mosquitto_sub -h 172.19.4.101 -t acoustic/anomaly`

# samba server for wave files

- Port: 139/445

Usage:

- `net use z: \\172.19.4.101\audio /user:demo temppwd`

**非常感谢！**  
**Thank you**

**VOITH**