

# ????????? ????????????

## ????????????? MQTT v1.0

### Publish

#### /LWT

device/umni-838a74/lwt

```
{  
  "state": "online"  
}
```

```
{  
  "state": "offline"  
}
```

#### /PONG

device/umni-838a74/pong

```
{  
  "ping": "pong"  
}
```

#### /REGISTER

device/umni-838a74/register

```
{  
  "hostname": "umni-838a74",  
  "capabilities": [  
    "ethernet",  
    "sdcard",  
    ...  
  ],  
}
```

```
"networks": [  
  {  
    "name": "ethernet",  
    "ip": "192.168.88.122",  
    "mask": "255.255.252.0",  
    "gw": "192.168.88.9",  
    "active": true  
  }  
],  
"heap": {  
  "total": 383104,  
  "free": 191552,  
  "min": 178628  
},  
"device_type": "generic"  
}
```

## /CONFIG (onewire)

device/umni-838a74/config

```
{  
  "key": "onewire",  
  "config": {  
    "sensors": [  
      {  
        "sn": "F7062454B2EE5528",  
        "label": "Sensor F7062454B2EE5528",  
        "active": true  
      }  
    ]  
  }  
}
```

## /CONFIG (rf433)

device/umni-838a74/config

```
{  
  "key": "rf433",  
  "config": {
```

```
    "devices":[]
  }
}
```

## /CONFIG (ntc)

device/umni-838a74/config

```
{
  "key":"ntc",
  "config":{
    "channels":[
      {
        "id":0,
        "label":"NTC Sensor 1",
        "active":true
      },
      {
        "id":1,
        "label":"NTC Sensor 2",
        "active":true
      }
    ]
  }
}
```

## /CONFIG (adc)

device/umni-838a74/config

```
{
  "key":"adc",
  "config":{
    "channels":[
      {
        "id":0,
        "label":"ADC Input 1",
        "active":true
      },
      {
        "id":1,
```

```
        "label": "ADC Input 2",
        "active": true
    }
]
}
}
```

## /CONFIG (inputs)

device/umni-838a74/config

```
{
  "key": "inputs",
  "config": {
    "inputs": [
      {
        "config_index": 1,
        "port_index": 1,
        "label": "Input 1 (port 1)",
        "active": true
      },
      ...
    ],
  }
}
```

## /SENSORS (onewire)

device/umni-838a74/sensors

```
{
  "category": "onewire",
  "capability": "onewire",
  "value": 28.25,
  "serial": "F7062454B2EE5528"
}
```

## /SENSORS (ntc)

device/umni-838a74/sensors

```
{
  "category": "ntc",
  "capability": "ntc1",
  "value": 27.906805038452148,
  "serial": null
}
```

## /SENSORS (adc)

device/umni-838a74/sensors

```
{
  "category": "adc",
  "capability": "ai1",
  "value": 27.906805038452148,
  "serial": null
}
```

## /SENSORS (outputs)

device/umni-838a74/sensors:

```
{
  "category": "outputs",
  "capability": "out2",
  "value": 1,
  "serial": null
}
```

## /SENSORS (inputs)

device/umni-838a74/sensors:

```
{
  "category": "inputs",
  "capability": "inp4",
  "value": 0,
  "serial": null
}
```

## /SENSORS (outputs)

device/umni-838a74/sensors:

```
{
  "key": "dio",
  "config": {
    "outputs": [
      {
        "config_index": 1,
        "port_index": 0,
        "label": "Output 1 (port 0)",
        "active": true,
        "default_state": 0
      },
      ...
    ]
  }
}
```

## Subscribe

### Ping

device/umni-838a74/ping

Payload ""

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