

Green rice Gateway LAN communication protocol V1.0.9

1. Gateway device discovery (device discovery is not encrypted)

To discover the gateway device discovery using multicast LAN (ip: 224.0.0.50, peer_port: 4321). All gateway receives the Whois command should reply, reply to its own IP information.

PC Multicast. -> Gateway: {"cmd": "WHOIS"}

Gateway unicast -> PC:

```
{"cmd": "iam", "ip": "192.168.0.42", "port": "9898", "model": "gateway", ... ..}
```

2. encryption mechanism

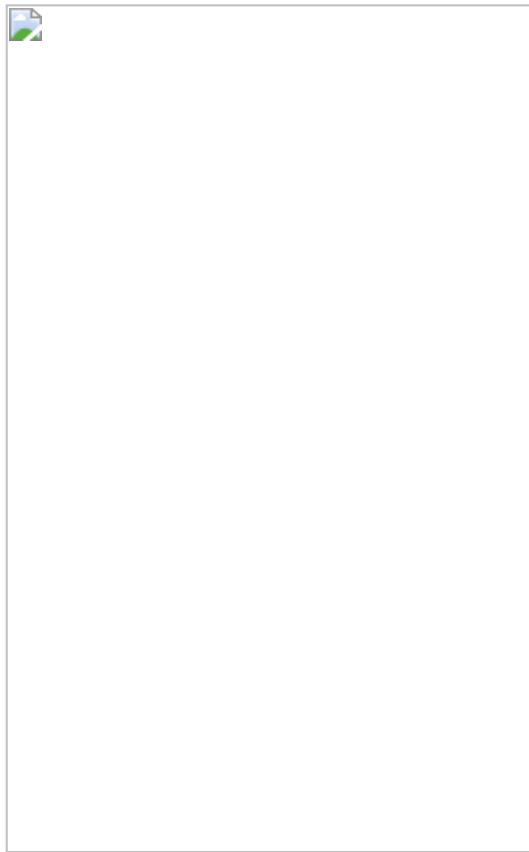
LAN communication using encryption key, the need for a gateway is provided on the smart home Mi APP KEY (encrypted using AES-CBC 128, issued KEY app random string 16 bytes in length). KEY must have the gateway can be local area network to communicate with the gateway.

NOTE: AES-CBC 128 initial vector is defined as:

```
unsigned char const AES_KEY_IV [16] = {0x17, 0x99, 0x6d, 0x09, 0x3d, 0x28, 0xdd, 0xb3, 0xba, 0x69, 0x5a, 0x2e, 0x6f, 0x58, 0x56, 0x2e};
```

KEY meters set in the home smart home app in the following steps:





3. Equipment sub-query id list

Udp command to the gateway port 9898 in a **unicast** manner, gateway **unicast** reply, which is used to obtain the device (the gateway device return to sub-device id) in gateways.

PC-> Gateway: { "cmd": "get_id_list" }

Gateway -> the PC: { "cmd": "get_id_list_ack", "SID": "1.02278 million", "Data": "[\" SID1 \", \" SID2 \", \" SID3 \"]"}, wherein the "sid" gateway did.

4. sub-device status reporting

Send multicasts (ip: 224.0.0.50, port: 9898). When the status of the sub-device changes, the sub-device reports the status. Magnetic reports such as a window open / close information. Users can take this state to do linkage. For example: window alarm, window clearance air conditioning

Gateway -> PC:

```
{ "cmd": "report", "model": "magnet", "sid": "89234324", "short_id": 4343, "data": "{ \" status \": \" on \"}" }
```

5. Reading Device

Command is sent to the **unicast** gateway to udp port 9898. Can actively read the wall switch, the state of the properties of the socket, the gateway device returns all the attribute information.

Read the status of the wall switch:

```
{ "cmd": "read", "sid": "158d0000123456" }
```

Gateway to **unicast** reply format:

```
{ "cmd": "read_ack", "model": "ctrl_neutral 2", "sid": "158d0000123456", "short_id": 4343, "data": "{ \" channel_0 \": \" on \", \" channel_1 \": \" off \"}" }
```

Read the status of the gateway:

```
{ "cmd": "read", "sid": "1022780" }
```

Gateway to **unicast** reply format:

```
{ "cmd": "read_ack", "model": "gateway", "sid": "1022780", "short_id": 0, "data": "{ \" rgb \": 0, \" illumination \": 350, \" proto_version \": \" 1.0.6 \"}" }, wherein, rgb color value is the gateway
```

nightlight, **illumination** is illumination, proto_version is the version number of this communication protocol used by the gateway.

6. write device

Command is sent to the **unicast** gateway to **udp** port 9898. Using the **write** command when the user need to control wall switches, sockets and other equipment.

```
{ "cmd": "write" , "model": "ctrl_neutral1", "sid": "158d0000123456", "short_id": 4343, "data": "{ \"channel_0 \": \" on \", \ "key \": \" 3EB43E37C20AFF4C5872CC0D04D81314 \"} "}
```

Gateway to **unicast** reply format:

```
{ "cmd": "write_ack" , "model": "ctrl_neutral 2", "sid": "158d0000123456", "short_id": 4343, "data": "{ \"channel_0 \": \" on \", \ "channel_1 \": \" off \"} "}
```

, the **write_ack** only represent a gateway received a **write** command, **data** in the property status of the current device to date, the final state after the device is not write. The final **report** by the device status messages to be reported.

Note:

Wherein the "key" is a string of length 32 bytes. When the gateway encryption mode is enabled, it will be the **key** to decrypt and verify, to verify the legitimacy of the write command. The "key" generation rule is: after users receive "heartbeat" in the 16-byte "token" string, use the gateway KEY (KEY meters in home smart home **app** in the settings) of the string encryption AES-CBC 128, generates a 16-byte ciphertext, then converted into 32-byte ASCII characters.

For example: Mi users disposed in a smart home **app** KEY 16 characters in length to "0987654321qwerty", "token" is "1234567890abcdef", encrypted ciphertext is: 0x3E, 0xB4, 0x3E, 0x37, 0xC2, 0x0A, 0xFF , 0x4C, 0x58, 0x72, 0xCC, 0x0D, 0x04, 0xD8, 0x13, 0x14 . So, "key" to: "3EB43E37C20AFF4C5872CC0D04D81314".

7. Gateway heartbeat

Sending heartbeats gateway **multicasts** (ip: 224.0.0.50 , port: 9898). Gateway every 10 seconds to send a heartbeat message to tell the gateway PC to work properly.

```
{ "cmd": "heartbeat" , "model": "gateway", "sid": "1022780", "short_id": 0, "token": "1234567890abcdef", "data": "{ \" ip \": \" 172.22.4.130 \"} "}
```

, where "token" is the gateway generates a random string for the user to generate "key" when writing apparatus.

8. The child devices heartbeat

Sending heartbeats child device **multicasts** (ip: 224.0.0.50 , port: 9898), the format:

```
{ "cmd": "heartbeat", "model": "magnet", "sid": "158d000065a271", "short_id": 25719, "data": "{ \" status \": \" open \"} "}
```

Tell the child device PC via a heartbeat: the child device is working properly (heart reporting frequency, the device is generally sleep for an hour once a device is plugged every 10 minutes). The child device heartbeat may contain the status of child devices. Note that this state is worth to deal with the specific use of the scene.

For example: when opening the window air conditioning scene

You can use this heartbeat (likely normal state **report** packet loss, heartbeat messages can be remedied).

For example: off the window to open the air-conditioned scenes

This can not use the heartbeat. It is possible that people go away and turn off the air conditioner.

Heartbeat message and let the air conditioner open will waste electricity.

In **short**, using heartbeat packets require the user to decide whether to do with the heartbeat triggered depending on the scene.

Equipment report and control message format

Json message format:

```
{
  "cmd": "write", // command type
  "model": "ctrl_neutral1", // device type
  "id": "112316", // device: "sid"
  "short_id": 4343, // zigbee devices short id
  "data": "{\" channel_0 \": \" on \"}" // device status information, wherein the
attribute acquiring again unlock the string
}
```

Which is a string of content **data**, we once again turn this into a json string from which to extract attribute

Gateway reporting attributes and heartbeat sensor and

Multifunction Gateway upgraded version of millet / m home gateways:

Attributes	Description
rgb	Nightlight color gateway, uint32_t type, rgb = 0xFF000000 (R << 16) (G << 8) B, such as green RGB = 0xFF00FF00 = 4278255360. If you want to exterminate night light, rgb set to 0; support report / read / write
illumination	Gateway illumination, typically in the range of 300 to 1300; support report / read
proto_version	Protocol version number of this communication protocol employed, such as "1.0.6"
mid	Represents music id, that is, music ringtones id. Support write. Values are: 0 to 8 and 10 to 13, 20 to 29 (the above-described system phone ring tone), 10,000 (10,000 indicates to stop playing ringtones), > 10001 (greater than 10,000 tones represent user-defined)
join_permission	The value "yes" / "no", indicate whether to allow adding a child device
remove_device	Did (did form a string of hexadecimal) value of the child devices. To remove a child device

Property Report:

```
{"cmd": "report", "model": "gateway", "sid": "6409802da2af", "short_id": 0, "data": "{\" rgb \": 4278255360, " illumination \": 500, \" proto_version \": \" 1.0.6 \"}" }, which need to fill sid did gateway
```

Modify the night light color:

```
{ "cmd": "write" , "model": "gateway", "sid": "6409802da2af", "short_id": 0, "data": "{\" rg b \": 4278255360}" }
```

Play Gateway in the mid 10005's custom ring tones:

```
{"cmd": "write", "model": "gateway", "sid": "6409802da2af", "short_id": 0, "data": "{\" mid \": 10005}" }
```

Stop playing gateway ringtone:

```
{"cmd": "write", "model": "gateway", "sid": "6409802da2af", "short_id": 0, "data": "{\" mid \": 10000}" }
```

It allows adding a child device (if 30 seconds):

```
{ "cmd": "write" , "model": "gateway", "sid": "6409802da2af", "short_id": 0, "data": "{\" join_permission \": \" yes \"}" }
```

Remove a child device:

```
{ "cmd": "write", "model": "gateway", "sid": "6409802da2af", "short_id": 0, "data": "{\ remove_device \ ":" 158d0000fc421e "}" }
```

Mi magnetic sensor window (to 60 minutes each):

Window magnetic sensor attached to the window or door window perceived state, every time the operation of transmitting a report.

Attributes	Description
status	open / close / unknown (on / off / Unknown)
voltage	Button-type battery voltage value, the unit Music Videos, range 0 ~ 3300mv, in general, indicates a low battery is less than 2800mv

Property Report:

```
{ "cmd": "report", "model": "magnet", "sid": "89234324", "short_id": 4343, "data": "{\ status \ ":" \ open \ "}" }
```

Heartbeat reported:

```
{ "cmd": "report", "model": "motion", "sid": "89234324", "short_id": 434 5, "data": "{\ voltage \ ":" 3000}" }
```

magnet magnetic window code, ID of the device represented **89234324** (hexadecimal 64-bit string of length 16), **status** window is a magnetic switch state.

Mi human sensors:

The human body sensors to detect people will be immediately reported to a **report** information. In case someone has the body to conserve power sensor fastest one minute to send a report.

Attributes	Description
voltage	Button-type battery voltage value, the unit Music Videos, range 0 ~ 3300mv, in general, indicates a low battery is less than 2800mv
status	motion detection to someone; unknown unknown

Property Report:

```
{ "cmd": "report", "model": "motion", "sid": "112316", "short_id": 4343, "data": "{\ status \ ":" \ motion \ "}" }
```

Heartbeat reporting (to 60 minutes each):

```
{ "cmd": "report", "model": "motion", "sid": "112316", "short_id": 4343, "data": "{\ voltage \ ":" 3000}" }
```

M home wireless switch sensor:

The wireless switch sensor reports a message for each key press. Press twice within 400ms packet is reported double-click

Attributes	Description
status	click / double_click (click / double-click)
voltage	Button-type battery voltage value, the unit Music Videos, range 0 ~ 3300mv, in general, indicates a low battery is less than 2800mv

Property Report:

```
{ "cmd": "report", "model": "switch", "sid": "112316", "short_id": 4343, "data": "{\ statu s \ ":" \ click \ "}" }
```

```
{ "cmd": "report", "model": "switch", "sid": "112316", "short_id": 4343, "data": "{\ status \ ":" \ double_click \ "}" }
```

Heartbeat reporting (to 60 minutes each):

```
{"cmd": "report", "model": "switch", "sid": "112316", "short_id": 4343, "data": "{\" voltage \": 3000}"}
```

By sending "write" way "virtual event" (the "virtual event" only work inside the gateway, not reported to the millet cloud), in order to trigger a local linkage (automation) associated with the event can be performed:

```
{"cmd": "write", "model": "switch", "sid": "112316", "short_id": 4343, "data": "{\" status \": \" click \"}" }
```

Mi smart socket:

Attributes	Description
status	on / off (on / off)
load_voltage	Load voltage in millivolts is mV
load_power	Load power, the unit is W
power_consumed	Load power consumption, the unit is kilowatt-hours kWh

Property Report:

```
{"cmd": "report", "model": "plug", "sid": "112316", "short_id": 4343, "data": "{\" status \": \" on \"}" }
```

Heartbeat reporting (5-10 minutes each):

```
{"cmd": "heartbeat", "model": "plug", "sid": "112316", "short_id": 4343, "data": "{\" load_voltage \": \" 234300 \", \" load_power \": \" 9.57 \", \" power_consumed \": \" 0.57 \"}" }
```

```
{"cmd": "write", "model": "plug", "sid": "112316", "short_id": 4343, "data": "{\" status \": \" on \"}" }
```

Aqara 86 one-touch ignition switch:

Attributes	Description
channel_0	on / off (on / off)

Property Report:

```
{"cmd": "report", "model": "ctrl_neutral1", "sid": "112316", "short_id": 4343, "data": "{\" _0 Channel \": \" ON \"}" }
```

```
{"cmd": "report", "model": "ctrl_neutral1", "sid": "112316", "short_id": 4343, "data": "{\" channel_0 \": \" click \"}" }
```

Fire single-touch control switch (write command):

```
{"cmd": "write", "model": "ctrl_neutral1", "sid": "112316", "short_id": 4343, "data": "{\" channel_0 \": \" on \"}" }
```

```
{"cmd": "write", "model": "ctrl_neutral1", "sid": "112316", "short_id": 4343, "data": "{\" channel_0 \": \" off \"}" }
```

Single double bond in the ignition switch **Aqara 86**:

Attributes	Description
channel_0	on / off (on / off)
channel_1	on / off (on / off)

Property Report:

```
{"cmd": "report", "model": "ctrl_neutral2", "sid": "112316", "short_id": 4343, "data": "{\" channel_0 \": \" ON \"}" }
```

```
{"cmd": "report", "model": "ctrl_neutral2", "sid": "112316", "short_id": 4343, "data": "{\" channel_1 \": \" on \"}" }
```

Double single fire control switch (write command):

```
{"cmd": "write", "model": "ctrl_neutral2", "sid": "112316", "short_id": 4343, "data": "{\" channel_0 \": \" on \"}" }
```

```
{ "cmd": "write" , "model": "ctrl_neutral2", "sid": "112316", "short_id": 4343, "data": "{ \" channel_1 \": \" off
\ }" }
```

Aqara 86 wireless switch single bond

Attributes	Description
channel_0	the Click / DOUBLE_CLICK click / double-click

Property Report:

```
{ "cmd": "report", "model": "86sw1", "sid": "112316", "short_id": 4343, "data": "{ \" channel_0 \": \" click \ }" }
```

By sending "write" way "virtual event" (the "virtual event" only work inside the gateway, not reported to the millet cloud), in order to trigger a local linkage (automation) associated with the event can be performed:

```
{ "cmd": "write", "model": "86sw1", "sid": "112316", "short_id": 4343, "data": "{ \" channel_0 \": \" click \ }" }
```

Wireless double switch Aqara 86

Attributes	Description
channel_0	click Left-click double_click Left click double click
channel_1	Right-click-click Right double-click double_click
dual_channel	both_click Left and right keys at the same time

Property Report:

```
{ "cmd": "report", "model": "86sw2", "sid": "112316", "short_id": 4343, "data": "{ \" channel_0 \": \" click \ }" }
```

By sending "write" way "virtual event" (the "virtual event" only work inside the gateway, not reported to the millet cloud), in order to trigger a local linkage (automation) associated with the event can be performed:

```
{ "cmd": "write", "model": "86sw2", "sid": "112316", "short_id": 4343, "data": "{ \" channel_1 \": \" double_click \ }" }
```

Temperature and humidity sensors Mi:

If the temperature and humidity sensor temperature change or humidity change of 0.5 6% reported a packet.

Attributes	Description
temperature	Temperature, the default invalid value 10000
humidity	Humidity, the default invalid value 0

Property Report:

```
{ "cmd": "report" , "model": "sensor_ht", "sid": "112316", "short_id": 4343, "data": "{ \" temperature \": \" 2333
\ }" }
```

```
{ "cmd": "report" , "model": "sensor_ht", "sid": "112316", "short_id": 4343, "data": "{ \" humidity \": \" 6678
\ }" }
```

The above example corresponds to a temperature of 23.33, a humidity of 66.78%

Mi Cube sensor:

Attributes	Description
status	flip90 / flip180 / move / tap_twice / shake_air / swing / alert / free_fall (turned 90 degrees / 180 degrees flip / pan / double-click on / shake / force after

	being thrown / still some time to touch / free fall), supports sending a "virtual event"
rotate	Rotation: change amount of rotation (angle value = /3.6), the length of time of rotation of the sample (in milliseconds), sends a "virtual events" not supported

Status section

Rotation reported:

{"cmd": "report", "model": "cube", "sid": "158d0000fc421e", "short_id": 37628, "data": "{\" rotate \": \" 25,500 \"}" }, it took 500 milliseconds represents a 90 degrees clockwise rotation.

Other actions reported:

{"cmd": "report", "model": "cube", "sid": "158d0000fc421e", "short_id": 4343, "data": "{\" status \": \" flip90 \"}" }

By sending "write" way "virtual event" (the "virtual event" only work inside the gateway, not reported to the millet cloud), in order to trigger a local linkage (automation) associated with the event can be performed:

{"cmd": "write", "model": "cube", "sid": "158d0000fc421e", "short_id": 4343, "data": "{\" status \": \" flip90 \"}" }

Aqara curtain:

Attributes	Description
status	open / close / stop / auto (opening curtains, curtains closed, stops / automatic operation), which supports the attribute "write" (reported by the device after the write curtain_level), does not support the "report";
curtain_level	0-100 percentage open curtains 255 location is unknown; property support the "write" and "report"

Property Report:

{"cmd": "report", "model": "curtain", "sid": "158d0001017d70", "short_id": 50667, "data": "{\" curtain_level \": \" 50 \"}" }

control:

{"cmd": "write", "model": "curtain", "sid": "158d0000f2ac34", "short_id": 50667, "data": "{\" status \": \" open \"}" }

{"cmd": "write", "model": "curtain", "sid": "158d0000f2ac34", "short_id": 50667, "data": "{\" curtain_level \": \" 25 \"}" }

Aqara 86 zero-touch fire wall switch:

Attributes	Description
channel_0	on / off / unknown (on / off / Unknown)

Property Report:

{"cmd": "report", "model": "ctrl_ln 1", "sid": "112316", "short_id": 4343, "data": "{\" channel_0 \": \" on \"}" }

Zero-touch control switch fire (write command):

{"cmd": "write", "model": "ctrl_ln 1", "sid": "112316", "short_id": 4343, "data": "{\" channel_0 \": \" on \"}" }

Zero fire wall switch Aqara 86 double bond:

Attributes	Description
channel_0	on / off / unknown (on / off / Unknown)
channel_1	on / off / unknown (on / off / Unknown)

Property Report:


```
{ "cmd": "report" , "model": "ctrl_ ln 2", "sid": "112316", "short_id": 4343, "data": "{ \" channel_1 \": \" on \"}" }
```

Zero double fire control switch (write command):

```
{ "cmd": "write" , "model": "ctrl_ ln 2", "sid": "112316", "short_id": 4343, "data": "{ \" channel_1 \": \" on \"}" }
```

Aqara Wall socket:

Attributes	Description
status	on / off / unknown (on / off / Unknown)
load_power	Load power, the unit is WW
power_consumed	Load power consumption, the unit is kilowatt-hours kWh

Property Report:

```
{ "cmd": "report" , "model": "86plug" , "sid": "112316" , "short_id": 4343, "data": "{ \" status \": \" on \"}" }
```

Heartbeat reporting (5-10 minutes each):

```
{ "cmd": "heartbeat" , "model": "86plug" , "sid": "112316" , "short_id": 4343, "data": "{ \" load_power \": \" 9.57 \", \" power_consumed \": \" 0.57 \"}" }
```

```
{ "cmd": "write" , "model": "86plug" , "sid": "112316" , "short_id": 4343, "data": "{ \" status \": \" on \"}" }
```

Mi gas alarm:

Attributes	Description
alarm	Some events related to the alarm, the value of the meaning of: 0: Alarm deactivated 1: Fire alarm 2: Analog alarm 64: Sensitivity fault alarm 32768: IIC communication fault

Properties reported (natural gas leak occurred alarm):

```
{ "cmd": "report" , "model": "natgas" , "sid": "112316" , "short_id": 4343, "data": "{ \" alarm \": \" 1 \"}" }
```

Mi smoke alarm:

Attributes	Description
alarm	0: Alarm deactivated 1: Fire alarm 2: Analog alarm 8: Battery fault alarm 64: Sensitivity fault alarm 32768: IIC communication fault

Reported property (occurrence of the detected smoke alarms):

```
{ "cmd": "report" , "model": "smoke" , "sid": "112316" , "short_id": 4343, "data": "{ \" alarm \": \" 1 \"}" }
```

Aqara magnetic sensor:

Magnetic sensor attached to the window or door sensing open / close state, the operation time is transmitted once every report.

Attributes	Description
status	open / close / unknown (on / off / Unknown)
voltage	Button-type battery voltage value, the unit Music Videos, range 0 ~ 3300mv, in general, indicates a low battery is less than 2800mv

Property Report:

```
{ "cmd": "report" , "model": "sensor _magnet .aq2" , "sid": "89234324" , "short_id": 4343, "data": "{ \" status \": \" open \"}" }
```

Reporting heartbeat (heartbeat intervals of approximately 60 minutes):

```
{ "cmd": "report", "model": "sensor_magnet.aq2", "sid": "89234324", "short_id": 4345, "data": "{ \" voltage \": 3000 }" }
```

Aqara human illuminance sensor:

Information will be immediately reported to a **report** when the human sensor detects the movement of people have also **report** illumination value "lux" at the same time. In the case where people have been moved, to conserve power, the human body sensor transmits a fastest one minute report. When the human body sensor of each heartbeat, also report the current illuminance value "lux". In all other cases, it does not report the human body sensor light luminance value.

Attributes	Description
voltage	Button-type battery voltage value, the unit Music Videos, range 0 ~ 3300mv, in general, indicates a low battery is less than 2800mv
status	motion detection to someone; unknown unknown
lux	Light luminance value, range 0 ~ 1200

Property Report:

```
{ "cmd": "report", "model": "sensor_motion.aq2", "sid": "112316", "short_id": 4343, "data": "{ \" status \": \" motion \"}" }
```

Property Report:

```
{ "cmd": "report", "model": "sensor_motion.aq2", "sid": "112316", "short_id": 4343, "data": "{ \" lux \": \" 100 \"}" }
```

Reporting heartbeat (heartbeat intervals of approximately 60 minutes):

```
{ "cmd": "report", "model": "sensor_motion.aq2", "sid": "112316", "short_id": 4343, "data": "{ \" voltage \": 3000, \" lux \": \" 50 \"}" }
```

Aqara wireless switch sensor:

The wireless switch sensor reports a message for each key press. Press twice within 400ms packet is reported double-click

Attributes	Description
status	click / double_click (click / double-click)
voltage	Button-type battery voltage value, the unit Music Videos, range 0 ~ 3300mv, in general, indicates a low battery is less than 2800mv

Property Report:

```
{ "cmd": "report", "model": "sensor_switch.aq2", "sid": "112316", "short_id": 4343, "data": "{ \" status \": \" click \"}" }
```

```
{ "cmd": "report", "model": "sensor_switch.aq2", "sid": "112316", "short_id": 4343, "data": "{ \" status \": \" double_click \"}" }
```

Heartbeat reporting (to 60 minutes each):

```
{ "cmd": "report", "model": "sensor_switch.aq2", "sid": "112316", "short_id": 4343, "data": "{ \" voltage \": 3000 }" }
```

By sending "write" way "virtual event" (the "virtual event" only work inside the gateway, not reported to the millet cloud), in order to trigger a local linkage (automation) associated with the event can be performed:

```
{ "cmd": "write", "model": "sensor_switch.aq2", "sid": "112316", "short_id": 4343, "data": "{ \" status \": \" click \"}" }
```

Aqara pressure sensor temperature and humidity:

If the temperature and humidity sensor temperature change of 0.5 degrees or humidity change is reported by 6% (temperature or humidity is reported, while the pressure value will be reported).

Attributes	Description
temperature	Temperature, the default invalid value 10000
humidity	Humidity, the default invalid value 0
pressure	Atmospheric pressure value, the unit Pa Pa, the range of 30,000 to 110,000. The default invalid value 0

Property Report:

```
{ "cmd": "report" , "model": ". weather v1" , "sid": "112316" , "short_id": 4343 , "data": "{ \" temperature \": \" 2333 \" }" }
```

```
{ "cmd": "report" , "model": ". weather v1" , "sid": "112316" , "short_id": 4343 , "data": "{ \" humidity \": \" 6678 \" }" }
```

```
{ "cmd": "report" , "model": ". weather v1" , "sid": "112316" , "short_id": 4343 , "data": "{ \" pressure \": \" 99900 \" }" }
```

Reporting heartbeat (heartbeat intervals of approximately 60 minutes):

```
{ "cmd": "report" , "model": ". weather v1" , "sid": "112316" , "short_id": 4343 , "data": "{ \" voltage \": 3000 , \" Temperature \": \"2333 \" , \" humidity \": \"6678\" , \" pressure \": \"99900\" }" }
```

The above example corresponds to a temperature of 23.33, 66.78% humidity, atmospheric pressure 99.9 KPa

Update time	Author	Update log
20,170,214	brudy.wong@foxmail.com	Add V1.0.6: Gateway play tones; lx gateway; protocol version; child device power ; power battery voltage voltage modify an attribute property
20170525	brudy.wong@foxmail.com	V1.0.7 New: You can "write" on the Rubik's Cube, 86 wireless switch and wireless switch, in order to create a "virtual event"; support control curtains, zero fire wall switch, gas alarms and smoke alarms
20170629	brudy.wong@foxmail.com	Add V1.0.8: Aqara wireless switch supports, Aqara magnetic sensor, Aqara human illuminance sensor, pressure sensor Aqara temperature and humidity, and other new water sensor
20170801	brudy.wong@foxmail.com	V1.0.9 Added: new equipment allows you to add and remove sub-sub-device interface