

Wiser hub 2nd generation

Reference : CCT501801

Today 2023/11/05 I have implemented the new features provided by the new hub and my existing cover push button.

The base of the development was aioWiserHeatAPI v 1.3.9 (branch main) and wiserHomeAssistantPlatform **v3.3.9**.

I. Shutter New features :

- Tilt
- Summer confort

1. Shutter data:

overlined in green : Zigbee informations,

I have a trouble to get the type

Overlined in yellow the tilt informations

Overlined in blue the summer confort

You can configure this feature in the Wiser Home app, when the outside temperature overflow a threshold and when the inside temperature passe another threshold then you can move the shutter to a position and give also a tilt position

a. cover.wiser_shutter_salle_salon_jardin_control

current_position: 100
name: Jardin
model: Shutter
product_type: Shutter
product_identifier: NHPushButtonShutter
product_model: NHPB/SHUTTER/1
serial_number: 000D6FFFFE3F823C
firmware: 2.13.0
room: Salle_salon
shutter_id: 4
away_mode_action: Close
mode: Auto
lift_open_time: 250
lift_close_time: 250
control_source: FromSchedule
is_open: true
is_closed: false

```
current_state: Open
lift_movement: Stopped
current_lift: 100
manual_lift: 100
target_lift: 100
scheduled_lift: 100
type: Unknown
uuid: 9b41955d-3c0e-5622-aeaa-218aac23079d
endpoint: 5
device_id: 4
tilt_enabled: false
tilt_time: 100
tilt_angle_closed: 90
tilt_angle_open: 0
is_lift_position_supported: true
is_tilt_supported: true
tilt_movement: Stopped
current_tilt: 100
manual_tilt: 100
target_tilt: 100
respect_summer_comfort: true
summer_comfort_lift: 50
summer_comfort_tilt: 0
schedule_id: 1
schedule_name: Norm_jardin
next_day_change: Sunday
next_schedule_change: 18:00:00
next_schedule_datetime: 2023-11-05 18:00:00
next_schedule_state: 0
icon: mdi>window-shutter-open
friendly_name: Wiser Shutter Salle_salon Jardin Control
supported_features: 15
```

II. Zigbee

The new hub provides also new data for the communication of each device.

Type: that could be "ZigbeeDevice" or "GreenPowerDevice"...

I cannot get this data correctly even if I had get it in the API with the following definition

```
@property
def type(self) -> str:
    """Get type of zigbee device """
    return self._device_type_data.get("Type", TEXT_UNKNOWN)
and
# Data provided by a wiser Hub generation 2

# Zigbee uuid
```

```
attrs["type"] = self._device.type
attrs["uuid"] = self._device.uuid
attrs["endpoint"] = self._device.endpoint
```

Solved by :

```
@property
def type(self) -> str:
    """Get type of zigbee device """
    return self._data.get("Type", TEXT_UNKNOWN)
```

The *UUID* of the device and its *Endpoint*

Those informations are provided because I've heard that this hub should support also Matter...

1. Examples

a. Lights

**light.wiser_dimmablelight_salle_salon_lustre6_lig
ht**

```
supported_color_modes: brightness
color_mode: null
brightness: null
room: Salle_salon
name: Lustre6
model: DimmableLight
product_type: DimmableLight
product_identifier: NHPushButtonDimmer
product_model: NHPB/DIMMER/1
serial_number: D0CF5EFFF550E00
firmware: 2.11.15
type : ZigbeeDevice
uuid: f8fdb107-713e-5d22-b724-
ce3c99b7a860
endpoint: 3
device_id: 5
is_dimmable: true
mode: Manual
away_mode_action: Off
control_source: FromManualMode
current_state: Off
target_state: Off
schedule_id: null
output_range_min: 1
output_range_max: 254
```

**light.wiser_onofflight_room1_chauffe_eau_lig
ht**

```
supported_color_modes: onoff
color_mode: onoff
room: Room1
name: Chauffe_eau
model: OnOffLight
product_type: OnOffLight
product_identifier: PuckLight
product_model: PUCK/SWITCH/1
serial_number: A46DD4FFFE0D83AC
firmware: 2.12.2
type : ZigbeeDevice
uuid: 033aae6e-9bf8-5e60-b4ac-64e25f6ff706
endpoint: 1
device_id: 8
is_dimmable: false
mode: Manual
away_mode_action: NoChange
control_source: FromManualMode
current_state: On
target_state: On
schedule_id: null
icon: mdi:lightbulb
friendly_name: Wiser OnOffLight Room1
Chauffe_eau Light
supported_features: 0
```

current_percentage: 100 current_level: 254 target_percentage: 100 manual_level: -254 override_level: 0 icon: mdi:lightbulb-outline friendly_name: Wiser DimmableLight Salle_salon Lustre6 Light supported_features: 0	
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b. SmartPlugs

sensor.wiser_lampadaire_signal

vendor: Drayton Wiser
product_type: SmartPlug
model_identifier: SmartPlug
firmware: 0.0.34
node_id: 34405
zigbee_channel: 12
displayed_signal_strength: Online
serial_number: 000D6F00161F9D37
hub_route: direct
uuid: 05333f42-356b-548a-97de-a1790bf35a4c
type : ZigbeeDevice
device_reception_RSSI: 0
device_reception_LQI: 0
device_reception_percent: null
controller_reception_RSSI: 0
controller_reception_LQI: 0
controller_reception_percent: 0
icon: mdi:wifi-strength-4
friendly_name: Wiser Lampadaire Signal

c. Shutters

sensor.wiser_shutter_salle_salon_jardin_signal

vendor: Drayton Wiser
product_type: Shutter
model_identifier: Shutter
firmware: 2.13.0
node_id: 57126
zigbee_channel: 12
displayed_signal_strength: VeryGood
serial_number: 000D6FFFFE3F823C
hub_route: direct

uuid: 9b41955d-3c0e-5622-aeaa-218aac23079d

type : ZigbeeDevice

device_reception_RSSI: 0

device_reception_LQI: 0

device_reception_percent: null

controller_reception_RSSI: -35

controller_reception_LQI: 255

controller_reception_percent: 100

icon: mdi:wifi-strength-4

friendly_name: Wiser Shutter Salle_salon Jardin Signal

d. Lights

sensor.wiser_dimmablelight_salle_salon_lustre6_signal vendor: Drayton Wiser product_type: DimmableLight model_identifier: DimmableLight firmware: 2.11.15 node_id: 54163 zigbee_channel: 12 displayed_signal_strength: VeryGood serial_number: D0CF5EFFFE550E00 hub_route: direct uuid: f8fdb107-713e-5d22-b724-ce3c99b7a860 type : ZigbeeDevice device_reception_RSSI: 0 device_reception_LQI: 0 device_reception_percent: null controller_reception_RSSI: -38 controller_reception_LQI: 248 controller_reception_percent: 100 icon: mdi:wifi-strength-4 friendly_name: Wiser DimmableLight Salle_salon Lustre6 Signal	sensor.wiser_onofflight_room1_chauffe_eau_signal vendor: Drayton Wiser product_type: OnOffLight model_identifier: OnOffLight firmware: 2.12.2 node_id: 7844 zigbee_channel: 12 displayed_signal_strength: VeryGood serial_number: A46DD4FFFE0D83AC hub_route: direct uuid: 033aae6e-9bf8-5e60-b4ac-64e25f6ff706 type : ZigbeeDevice device_reception_RSSI: 0 device_reception_LQI: 0 device_reception_percent: null controller_reception_RSSI: -50 controller_reception_LQI: 200 controller_reception_percent: 100 icon: mdi:wifi-strength-4 friendly_name: Wiser OnOffLight Room1 Chauffe_eau Signal
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e. Heating actuators

sensor.wiser_heatingactuator_room1_signal

vendor: Drayton Wiser

product_type: HeatingActuator

model_identifier: CCTFR6700

firmware: 1.8.0

node_id: 35859

zigbee_channel: 12

displayed_signal_strength: Online

serial_number: 8CF681FFFEA1830D

hub_route: direct

uuid: 847de869-7509-5b6f-be89-f940be1cd48f

type : ZigbeeDevice

device_reception_RSSI: 0
device_reception_LQI: 0
device_reception_percent: null
controller_reception_RSSI: 0
controller_reception_LQI: 0
controller_reception_percent: 0
temperature: 19.2
target_temperature: 8.5
output_type: Relay
icon: mdi:wifi-strength-4
friendly_name: Wiser HeatingActuator Room1 Signal

f. Roomstat

sensor.wiser_roomstat_room1_signal

vendor: Drayton Wiser
product_type: RoomStat
model_identifier: Thermostat
firmware: 0.60.3
node_id: 37843
zigbee_channel: 12
displayed_signal_strength: VeryGood
serial_number: 70AC08FFFE25860
hub_route: direct
uuid: 71c241b7-f99f-5aa4-a4ae-3dca479bc0f6
type : ZigbeeDevice
device_reception_RSSI: 0
device_reception_LQI: 0
device_reception_percent: null
controller_reception_RSSI: -17
controller_reception_LQI: 255
controller_reception_percent: 100
humidity: 65
temperature: 19.2
icon: mdi:wifi-strength-4
friendly_name: Wiser RoomStat Room1 Signal

g. Wiser hub

sensor.wiser_heathub_signal

vendor: Drayton Wiser
product_type: Controller
model_identifier: WT704R1B30S4
firmware: 4.20.2
node_id: 0

zigbee_channel: 12
displayed_signal_strength: VeryGood
uuid: c756de30-61db-56e1-b533-0b4ef0357af8
type: ZigbeeDevice
wifi_strength: -64
wifi_strength_percent: 72
wifi_SSID: Synology_MCLG
wifi_IP: Unknown
api_version: 1.5.1
integration_version: 3.3.11
uptime: 11d 04:09:40
last_reset_reason: UNKNOWN
icon: mdi:wifi-strength-4
friendly_name: Wiser HeatHub Signal