

BambuLab Integration

Damit ihr euren BambuLab in Homeassistant integrieren könnt nutzt einfach folgende HACS Integration:



Benötigte HACS Cards:

- config-template-card
- card-mod

Files: [x1c files.zip](#)

Als Dashboard könnt ihr folgenden Code für euch anpassen - hier musst du nur mit Notepad++ den Text "DEINBAMBU" mit deinem Druckernamen aus der Config ersetzen:

```
type: vertical-stack
cards:
  - type: picture-elements
    elements:
      - type: custom:config-template-card
        entities:
          - sensor.DEINBAMBU_ams_1_tray_1
        element:
          type: state-icon
          entity: sensor.DEINBAMBU_ams_1_tray_1
          icon: >-
            ${states['sensor.DEINBAMBU_ams_1_tray_1'].state != 'Empty'
            ? 'mdi:bullseye' : 'mdi:tray' }
        style:
          top: 28%
          left: 18%
          '--paper-item-icon-color': var(--tray_1_color)
          background-color: rgba(0,0,0,0.4)
          box-shadow: 0 0 5px 5px var(--tray_1_bg)
          border-radius: 50px
          '--mdc-icon-size': 2.4em
      - type: state-label
```

entity: sensor.DEINBAMBU_ams_1_tray_1

attribute: type

tap_action:

action: none

style:

top: 77%

left: 18%

text-align: center

font-size: 1em

background-color: rgba(0,0,0,0.4)

box-shadow: 0 0 5px 5px rgba(0, 0, 0, 0.4)

border-radius: 50px

pointer-events: none

- type: custom:config-template-card

entities:

- sensor.DEINBAMBU_ams_1_tray_2

element:

type: state-icon

entity: sensor.DEINBAMBU_ams_1_tray_2

icon: >-

`{states['sensor.DEINBAMBU_ams_1_tray_2'].state != 'Empty'
? 'mdi:bullseye' : 'mdi:tray' }`

style:

top: 28%

left: 39%

'--paper-item-icon-color': var(--tray_2_color)

background-color: rgba(0,0,0,0.5)

box-shadow: 0 0 5px 5px var(--tray_2_bg)

border-radius: 50px

'--mdc-icon-size': 2.4em

- type: state-label

entity: sensor.DEINBAMBU_ams_1_tray_2

attribute: type

tap_action:

action: none

style:

top: 77%

left: 39%

text-align: center

font-size: 1em

background-color: rgba(0,0,0,0.4)

```
    box-shadow: 0 0 5px 5px rgba(0, 0, 0, 0.4)
    border-radius: 50px
    pointer-events: none
- type: custom:config-template-card
entities:
  - sensor.DEINBAMBU_ams_1_tray_3
element:
  type: state-icon
  entity: sensor.DEINBAMBU_ams_1_tray_3
  icon: >-
    ${states['sensor.DEINBAMBU_ams_1_tray_3'].state != 'Empty'
    ? 'mdi:bullseye' : 'mdi:tray' }
style:
  top: 28%
  left: 61%
  '--paper-item-icon-color': var(--tray_3_color)
  background-color: rgba(0,0,0,0.5)
  box-shadow: 0 0 5px 5px var(--tray_3_bg)
  border-radius: 50px
  '--mdc-icon-size': 2.4em
- type: state-label
entity: sensor.DEINBAMBU_ams_1_tray_3
attribute: type
tap_action:
  action: none
style:
  top: 77%
  left: 61%
  text-align: center
  font-size: 1em
  background-color: rgba(0,0,0,0.4)
  box-shadow: 0 0 5px 5px rgba(0, 0, 0, 0.4)
  border-radius: 50px
  pointer-events: none
- type: custom:config-template-card
entities:
  - sensor.DEINBAMBU_ams_1_tray_4
element:
  type: state-icon
  entity: sensor.DEINBAMBU_ams_1_tray_4
  icon: >-
```

```
    ${states['sensor.DEINBAMBU_ams_1_tray_4'].state != 'Empty'  
    ? 'mdi:bullseye' : 'mdi:tray' }
```

style:

```
top: 28%  
left: 83%  
'--paper-item-icon-color': var(--tray_4_color)  
background-color: rgba(0,0,0,0.5)  
box-shadow: 0 0 5px 5px var(--tray_4_bg)  
border-radius: 50px  
'--mdc-icon-size': 2.4em
```

- type: state-label

```
entity: sensor.DEINBAMBU_ams_1_tray_4  
attribute: type
```

tap_action:

```
action: none
```

style:

```
top: 77%  
left: 83%  
text-align: center  
font-size: 1em  
background-color: rgba(0,0,0,0.4)  
box-shadow: 0 0 5px 5px rgba(0, 0, 0, 0.4)  
border-radius: 50px  
pointer-events: none
```

- type: state-badge

```
entity: sensor.DEINBAMBU_ams_1_humidity_index
```

style:

```
top: 20%  
left: 29%  
color: transparent
```

- type: state-badge

```
entity: sensor.DEINBAMBU_ams_1_ams_temperature
```

style:

```
top: 20%  
left: 72%  
color: transparent
```

image: /local/ams.png

style: |

```
ha-card {
```

```
background: none !important;
```

```
border: none !important;
```

```

--tray_1_color: {% if is_state('sensor.DEINBAMBU_ams_1_tray_1', 'Empty') %} grey; {% else %} {{
    state_attr('sensor.DEINBAMBU_ams_1_tray_1', 'Color') }}; {% endif %}
--tray_2_color: {% if is_state('sensor.DEINBAMBU_ams_1_tray_2', 'Empty') %} grey; {% else %} {{
    state_attr('sensor.DEINBAMBU_ams_1_tray_2', 'Color') }}; {% endif %}
--tray_3_color: {% if is_state('sensor.DEINBAMBU_ams_1_tray_3', 'Empty') %} grey; {% else %} {{
    state_attr('sensor.DEINBAMBU_ams_1_tray_3', 'Color') }}; {% endif %}
--tray_4_color: {% if is_state('sensor.DEINBAMBU_ams_1_tray_4', 'Empty') %} grey; {% else %} {{
    state_attr('sensor.DEINBAMBU_ams_1_tray_4', 'Color') }}; {% endif %}
--tray_1_bg: {% if is_state_attr('sensor.DEINBAMBU_ams_1_tray_1', 'id',
state_attr('sensor.DEINBAMBU_active_tray_index', 'id')) %} rgba(255, 255, 126, 0.5); {% else %} rgba(0,0,0,0.5);
{% endif %}
--tray_2_bg: {% if is_state_attr('sensor.DEINBAMBU_ams_1_tray_2', 'id',
state_attr('sensor.DEINBAMBU_active_tray_index', 'id')) %} rgba(255, 255, 126, 0.5); {% else %} rgba(0,0,0,0.5);
{% endif %}
--tray_3_bg: {% if is_state_attr('sensor.DEINBAMBU_ams_1_tray_3', 'id',
state_attr('sensor.DEINBAMBU_active_tray_index', 'id')) %} rgba(255, 255, 126, 0.5); {% else %} rgba(0,0,0,0.5);
{% endif %}
--tray_4_bg: {% if is_state_attr('sensor.DEINBAMBU_ams_1_tray_4', 'id',
state_attr('sensor.DEINBAMBU_active_tray_index', 'id')) %} rgba(255, 255, 126, 0.5); {% else %} rgba(0,0,0,0.5);
{% endif %}
}
- type: picture-elements
elements:
- type: state-badge
  entity: sensor.DEINBAMBU_bed_temperature
  style:
    top: 75%
    left: 50%
    color: transparent
- type: state-badge
  entity: sensor.DEINBAMBU_nozzle_temperature
  style:
    top: 32%
    left: 50%
    color: transparent
- type: state-badge
  entity: sensor.DEINBAMBU_chamber_temperature
  style:
    top: 32%
    left: 80%
    color: transparent

```

```
- type: state-icon
entity: light.DEINBAMBU_chamber_light
tap_action:
  action: toggle
style:
  top: 32%
  left: 12%
  transform: scale(1.5,1.5)
icon: mdi:led-strip
```

```
- type: state-icon
entity: light.switch_3d_drucker_light
tap_action:
  action: toggle
style:
  top: 25%
  left: 12%
  transform: scale(1.5,1.5)
icon: mdi:led-strip-variant
```

image: /local/x1c.png

style: |

```
ha-card {
```

```
  background: none !important;
```

```
  border: none !important;
```

```
  --tray_0_color: {% if is_state('sensor.ams_0_bambu_x1c_tray_0', 'Empty') %} grey; {% else %} {{
    state_attr('sensor.ams_0_bambu_x1c_tray_0', 'color') }}; {% endif %}
```

```
  --tray_1_color: {% if is_state('sensor.ams_0_bambu_x1c_tray_1', 'Empty') %} grey; {% else %} {{
    state_attr('sensor.ams_0_bambu_x1c_tray_1', 'color') }}; {% endif %}
```

```
  --tray_2_color: {% if is_state('sensor.ams_0_bambu_x1c_tray_2', 'Empty') %} grey; {% else %} {{
    state_attr('sensor.ams_0_bambu_x1c_tray_2', 'color') }}; {% endif %}
```

```
  --tray_3_color: {% if is_state('sensor.ams_0_bambu_x1c_tray_3', 'Empty') %} grey; {% else %} {{
    state_attr('sensor.ams_0_bambu_x1c_tray_3', 'color') }}; {% endif %}
```

```
  --tray_0_bg: {% if is_state_attr('sensor.ams_0_bambu_x1c_tray_0', 'id',
state_attr('sensor.current_ams_filament_in_use', 'id')) %} rgba(255, 255, 126, 0.5); {% else %} rgba(0,0,0,0.5);
{% endif %}
```

```
  --tray_1_bg: {% if is_state_attr('sensor.ams_0_bambu_x1c_tray_1', 'id',
state_attr('sensor.current_ams_filament_in_use', 'id')) %} rgba(255, 255, 126, 0.5); {% else %} rgba(0,0,0,0.5);
{% endif %}
```

```
  --tray_2_bg: {% if is_state_attr('sensor.ams_0_bambu_x1c_tray_2', 'id',
state_attr('sensor.current_ams_filament_in_use', 'id')) %} rgba(255, 255, 126, 0.5); {% else %} rgba(0,0,0,0.5);
{% endif %}
```

```
  --tray_3_bg: {% if is_state_attr('sensor.ams_0_bambu_x1c_tray_3', 'id',
```

```
state_attr('sensor.current_ams_filament_in_use', 'id')) %) rgba(255, 255, 126, 0.5); {% else %} rgba(0,0,0,0.5);  
{% endif %}  
}
```

Revision #9

Created 8 August 2023 20:18:38 by Cryd

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